AIDA64 Extreme Edition

Version	AIDA64 v1.50.1200
Benchmark Module	2.7.333-x64
Homepage	http://www.aida64.com/
Report Type	Report Wizard
Computer	FELLES-PC
Generator	Felles
Operating System	Microsoft Windows 7 Ultimate 6.1.7600 (Win7 RTM)
Date	2010-01-02
Time	08:21

Summary

Computer:

Computer Type	ACPI x64-based PC
Operating System	Microsoft Windows 7 Ultimate
OS Service Pack	-
Internet Explorer	8.0.7600.16385 (IE 8.0 - Windows 7)
DirectX	DirectX 11.0
Computer Name	FELLES-PC
User Name	Felles
Logon Domain	Felles-PC
Date / Time	2010-01-02 / 08:21

Motherboard:

CPU Type	QuadCore Intel Core i7 930, 2933 MHz (22 x 133)
Motherboard Name	Gigabyte GA-X58A-UD3R v2 (1 PCI, 2 PCI-E x1, 4 PCI-E x16, 6 DDR3 DIMM, Audio, Gigabit LAN, IEEE-1394)
Motherboard Chipset	Intel Tylersburg X58, Intel Nehalem
System Memory	6144 MB (DDR3-1333 DDR3 SDRAM)
DIMM1: Crucial	2 GB DDR3-1333 DDR3 SDRAM (9-9-9-24 @ 666 MHz) (8-8-8-22 @ 592 MHz) (6-6-6-16 @ 444 MHz)
DIMM3: Crucial	2 GB DDR3-1333 DDR3 SDRAM (9-9-9-24 @ 666 MHz) (8-8-8-22 @ 592 MHz) (6-6-6-16 @ 444 MHz)
DIMM5: Crucial	2 GB DDR3-1333 DDR3 SDRAM (9-9-9-24 @ 666 MHz) (8-8-8-22 @ 592 MHz) (6-6-6-16 @ 444 MHz)
BIOS Type	Award Modular (12/23/10)

Display:

Video Adapter	NVIDIA GeForce GTX 470 (1280 MB)
Video Adapter	NVIDIA GeForce GTX 470 (1280 MB)
3D Accelerator	nVIDIA GeForce GTX 470
Monitor	BenQ E2400HD (Digital) [24" LCD] (AB802654019)

Multimedia:

Audio Adapter	nVIDIA HDMI @ nVIDIA GF100 - High Definition Audio Controller
Audio Adapter	Realtek ALC889 @ Intel 82801JB ICH10 - High Definition Audio Controller

Storage:

IDE Controller	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
IDE Controller	Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20
IDE Controller	Standard Dual Channel PCI IDE Controller
Storage Controller	GIGABYTE GBB36X Controller
Storage Controller	GIGABYTE GBB36X Controller
Disk Drive	Kingston DT 101 G2 USB Device (3 GB, USB)
Disk Drive	OCZ-VERTEX2 ATA Device (SATA-II)
SMART Hard Disks Status	OK

Partitions:

C: (NTFS)	57138 MB (35133 MB free)
Total Size	55.8 GB (34.3 GB free)

Input:

Keyboard	HID Keyboard Device
Mouse	HID-compliant mouse

Network:

Primary IP Address	127.0.0.1
Primary MAC Address	00-00-00-00-00-00

Peripherals:

Printer	Fax
Printer	Microsoft XPS Document Writer
FireWire Controller	Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller (PHY: TI TSB43AB23)
USB1 Controller	Intel 82801JB ICH10 - USB Universal Host Controller
USB1 Controller	Intel 82801JB ICH10 - USB Universal Host Controller
USB1 Controller	Intel 82801JB ICH10 - USB Universal Host Controller
USB1 Controller	Intel 82801JB ICH10 - USB Universal Host Controller
USB1 Controller	Intel 82801JB ICH10 - USB Universal Host Controller
USB1 Controller	Intel 82801JB ICH10 - USB Universal Host Controller
USB2 Controller	Intel 82801JB ICH10 - USB2 Enhanced Host Controller
USB2 Controller	Intel 82801JB ICH10 - USB2 Enhanced Host Controller
USB3 Controller	NEC uPD720200 USB 3.0 Host Controller
USB Device	USB Composite Device
USB Device	USB Input Device
USB Device	USB Input Device
USB Device	USB Input Device
USB Device	USB Mass Storage Device

DMI:

DMI BIOS Vendor	Award Software International, Inc.
DMI BIOS Version	FE
DMI System Manufacturer	Gigabyte Technology Co., Ltd.
DMI System Product	X58A-UD3R
DMI System Version	
DMI System Serial Number	
DMI System UUID	00000000-00000000-00001C6F-653E1449
DMI Motherboard Manufacturer	Gigabyte Technology Co., Ltd.
DMI Motherboard Product	X58A-UD3R

DMI Motherboard Version	
DMI Motherboard Serial Number	
DMI Chassis Manufacturer	Gigabyte Technology Co., Ltd.
DMI Chassis Version	
DMI Chassis Serial Number	
DMI Chassis Asset Tag	
DMI Chassis Type	Desktop Case
DMI Total / Free Memory Sockets	6 / 3

DMI

[BIOS]

BIOS Properties:

Vendor	Award Software International, Inc.
Version	FE
Release Date	12/23/2010
Size	2048 KB
Boot Devices	Floppy Disk, Hard Disk, CD-ROM, ATAPI ZIP, LS-120
Capabilities	Flash BIOS, Shadow BIOS, Selectable Boot, EDD, BBS
Supported Standards	DMI, ACPI, PnP
Expansion Capabilities	PCI, USB

BIOS Manufacturer:

Company Name	Phoenix Technologies Ltd.
Product Information	http://www.phoenix.com/pages/products
BIOS Upgrades	http://www.aida64.com/bios-updates

[System]

System Properties:

Manufacturer	Gigabyte Technology Co., Ltd.
Product	X58A-UD3R
Universal Unique ID	00000000-00000000-00001C6F-653E1449
Wake-Up Type	Power Switch

[Motherboard]

Motherboard Properties:

Manufacturer	Gigabyte Technology Co., Ltd.
Product	X58A-UD3R

Motherboard Manufacturer:

Company Name	Gigabyte Technology Co., Ltd.
Product Information	http://www.giga-byte.com/products/main.aspx?s=42
	http://www.giga-byte.com/support-downloads/download-

BIOS Download	center.aspx
Driver Update	http://www.aida64.com/driver-updates
BIOS Upgrades	http://www.aida64.com/bios-updates

[Chassis]

Chassis Properties:

Manufacturer	Gigabyte Technology Co., Ltd.
Chassis Type	Desktop Case

[Memory Controller]

Memory Controller Properties:

Error Detection Method	8-bit Parity
Error Correction	None
Supported Memory Interleave	1-Way
Current Memory Interleave	1-Way
Supported Memory Voltages	5V
Maximum Memory Module Size	1024 MB
Memory Slots	6

[Processors / Intel(R) Core(TM) i7 CPU]

Processor Properties:

Manufacturer	Intel
Version	Intel(R) Core(TM) i7 CPU
External Clock	133 MHz
Maximum Clock	4000 MHz
Current Clock	2933 MHz
Type	Central Processor
Voltage	1.0 V
Status	Enabled
Upgrade	Socket 478
Socket Designation	Socket 1366

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	http://www.intel.com/products/processor
Driver Update	http://www.aida64.com/driver-updates

[Caches / Internal Cache]

Cache Properties:

Type	Internal
Status	Enabled
Operational Mode	Write-Back
Maximum Size	64 KB
Installed Size	64 KB
Supported SRAM Type	Synchronous
Current SRAM Type	Synchronous
Socket Designation	Internal Cache

[Caches / External Cache]

Cache Properties:

Type	Internal
Status	Enabled
Operational Mode	Write-Back
Maximum Size	2048 KB
Installed Size	8192 KB
Supported SRAM Type	Synchronous
Current SRAM Type	Synchronous
Socket Designation	External Cache

[Memory Modules / A0]

Memory Module Properties:

Socket Designation	A0
Installed Size	2048 MB
Enabled Size	2048 MB

[Memory Modules / A1]

Memory Module Properties:

Socket Designation	A1
Installed Size	Not Installed
Enabled Size	Not Installed

[Memory Modules / A2]

Memory Module Properties:

Socket Designation	A2
Installed Size	2048 MB
Enabled Size	2048 MB

[Memory Modules / A3]

Memory Module Properties:

Socket Designation	A3
Installed Size	Not Installed
Enabled Size	Not Installed

[Memory Modules / A4]

Memory Module Properties:

Socket Designation	A4
Installed Size	2048 MB
Enabled Size	2048 MB

[Memory Modules / A5]

Memory Module Properties:

Socket Designation	A5

Installed Size	Not Installed
Enabled Size	Not Installed

[Memory Devices / A0]

Memory Device Properties:

Form Factor	DIMM
Size	2048 MB
Speed	400 MHz
Total Width	2304-bit
Data Width	2252-bit
Device Locator	A0
Bank Locator	Bank0/1

[Memory Devices / A1]

Memory Device Properties:

Form Factor	DIMM
Device Locator	A1
Bank Locator	Bank2/3

[Memory Devices / A2]

Memory Device Properties:

Form Factor	DIMM
Size	2048 MB
Speed	400 MHz
Total Width	2304-bit
Data Width	2252-bit
Device Locator	A2
Bank Locator	Bank4/5

[Memory Devices / A3]

Memory Device Properties:

Form Factor	DIMM
Device Locator	A3
Bank Locator	Bank6/7

[Memory Devices / A4]

Memory Device Properties:

Form Factor	DIMM
Size	2048 MB
Speed	400 MHz
Total Width	2304-bit
Data Width	2252-bit
Device Locator	A4
Bank Locator	Bank8/9

[Memory Devices / A5]

Memory Device Properties:

Form Factor	DIMM
Device Locator	A5
Bank Locator	Bank10/11

[System Slots / PCI]

System Slot Properties:

Slot Designation	PCI
Type	PCI
Usage	Empty
Data Bus Width	32-bit
Length	Long

[Port Connectors / PRIMARY IDE]

Port Connector Properties:

Internal Reference Designator	PRIMARY IDE
Internal Connector Type	On-Board IDE
External Connector Type	None

[Port Connectors / FDD]

Port Connector Properties:

Port Type	8251 FIFO Compatible
Internal Reference Designator	FDD
Internal Connector Type	On-Board Floppy
External Connector Type	None

[Port Connectors / Keyboard]

Port Connector Properties:

Port Type	Keyboard Port
Internal Reference Designator	Keyboard
External Connector Type	PS/2

[Port Connectors / No Detected]

Port Connector Properties:

Port Type	Mouse Port
Internal Reference Designator	PS/2 Mouse
Internal Connector Type	PS/2
External Reference Designator	No Detected
External Connector Type	PS/2

[Port Connectors / USB]

Port Connector Properties:

Port Type	USB
Internal Reference Designator	USB
Internal Connector Type	None
External Connector Type	USB

[Port Connectors / USB]

Port Connector Properties:

Port Type	USB
Internal Reference Designator	USB
Internal Connector Type	None
External Connector Type	USB

Overclock

CPU Properties:

CPU Type	QuadCore Intel Core i7 930
CPU Alias	Bloomfield
CPU Stepping	D0
Engineering Sample	No
CPUID CPU Name	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
CPUID Revision	000106A5h

CPU Speed:

CPU Clock	2931.2 MHz (original: 2800 MHz, overclock: 5%)
CPU Multiplier	22x
CPU FSB	133.2 MHz (original: 133 MHz)
QPI Clock	2398.3 MHz
Memory Bus	799.4 MHz
DRAM:FSB Ratio	6:1

CPU Cache:

L1 Code Cache	32 KB per core
L1 Data Cache	32 KB per core
L2 Cache	256 KB per core (On-Die, ECC, Full-Speed)
L3 Cache	8 MB (On-Die, ECC, Full-Speed)

Motherboard Properties:

Motherboard ID	12/23/2010-X58-ICH10-7A89QG0NC-00
Motherboard Name	Gigabyte GA-X58A-UD3R v2 (1 PCI, 2 PCI-E x1, 4 PCI-E x16, 6 DDR3 DIMM, Audio, Gigabit LAN, IEEE-1394)

Chipset Properties:

Motherboard Chipset	Intel Tylersburg X58, Intel Nehalem
Memory Timings	8-8-8-24 (CL-RCD-RP-RAS)
Command Rate (CR)	2T
DIMM1: Crucial	2 GB DDR3-1333 DDR3 SDRAM (9-9-9-24 @ 666 MHz) (8-8-8-22 @ 592 MHz) (6-6-6-16 @ 444 MHz)
DIMM3: Crucial	2 GB DDR3-1333 DDR3 SDRAM (9-9-9-24 @ 666 MHz) (8-8-8-22 @ 592 MHz) (6-6-6-16 @ 444 MHz)

DIMM5: Crucial	2 GB DDR3-1333 DDR3 SDRAM (9-9-9-24 @ 666 MHz) (8-8-8-22 @ 592 MHz) (6-6-6-16 @ 444 MHz)

BIOS Properties:

System BIOS Date	12/23/10
Video BIOS Date	04/16/10
Award BIOS Type	Award Modular BIOS v6.00PG
Award BIOS Message	X58A-UD3R FE
DMI BIOS Version	FE

Graphics Processor Properties:

Video Adapter	EVGA e-GeForce GTX 470
GPU Code Name	GF100 (PCI Express 2.0 x16 10DE / 06CD, Rev A3)
GPU Clock (Geometric Domain)	50 MHz (original: 625 MHz)
GPU Clock (Shader Domain)	101 MHz (original: 1250 MHz)
Memory Clock	67 MHz (original: 850 MHz)

Power Management

Power Management Properties:

Current Power Source	AC Line
Battery Status	No Battery
Full Battery Lifetime	Unknown
Remaining Battery Lifetime	Unknown

Portable Computer

Centrino (Carmel) Platform Compliancy:

CPU: Intel Pentium M (Banias/Dothan)	No (QuadCore Intel Core i7 930)
Chipset: Intel i855GM/PM	No (Intel Tylersburg X58, Intel Nehalem)
WLAN: Intel PRO/Wireless	No
System: Centrino Compliant	No

Centrino (Sonoma) Platform Compliancy:

CPU: Intel Pentium M (Dothan)	No (QuadCore Intel Core i7 930)
Chipset: Intel i915GM/PM	No (Intel Tylersburg X58, Intel Nehalem)
WLAN: Intel PRO/Wireless	No
System: Centrino Compliant	No

Centrino (Napa) Platform Compliancy:

CPU: Intel Core (Yonah) / Core 2 (Merom)	No (QuadCore Intel Core i7 930)
Chipset: Intel i945GM/PM	No (Intel Tylersburg X58, Intel Nehalem)
WLAN: Intel PRO/Wireless 3945	No
System: Centrino Compliant	No

Centrino (Santa Rosa) Platform Compliancy:

CPU: Intel Core 2 (Merom/Penryn)	No (QuadCore Intel Core i7 930)

Chipset: Intel GM965/PM965	No (Intel Tylersburg X58, Intel Nehalem)
WLAN: Intel Wireless WiFi Link 4965	No
System: Centrino Compliant	No

Centrino 2 (Montevina) Platform Compliancy:

CPU: Intel Core 2 (Penryn)	No (QuadCore Intel Core i7 930)
Chipset: Intel GM45/GM47/GS45/PM45	No (Intel Tylersburg X58, Intel Nehalem)
WLAN: Intel WiFi Link 5000 Series	No
System: Centrino 2 Compliant	No

Centrino (Calpella) Platform Compliancy:

CPU: Intel Core i3/i5/i7 (Arrandale/Clarksfield)	No (QuadCore Intel Core i7 930)
Chipset: Intel HM55/HM57/PM55	No (Intel Tylersburg X58, Intel Nehalem)
WLAN: Intel WiFi Link 1000/WiMAX 6000 Series	No
System: Centrino Compliant	No

Sensor

Sensor Properties:

Sensor Type	ITE IT8720F (ISA 290h)
GPU Sensor Type	Analog Devices ADT7473 (NV-I2C 2Eh)
Motherboard Name	Gigabyte X58A Series
Chassis Intrusion Detected	Yes

Temperatures:

Motherboard	43 °C (109 °F)
CPU	64 °C (147 °F)
CPU #1 / Core #1	74 °C (165 °F)
CPU #1 / Core #2	70 °C (158 °F)
CPU #1 / Core #3	72 °C (162 °F)
CPU #1 / Core #4	64 °C (147 °F)
North Bridge	52 °C (126 °F)
GPU	39 °C (102 °F)
GPU Diode	39 °C (102 °F)
GPU Memory	35 °C (95 °F)
GPU Ambient	36 °C (97 °F)
OCZ-VERTEX2	30 °C (86 °F)

Cooling Fans:

CPU	1912 RPM
GPU	1920 RPM (40%)

Voltage Values:

CPU Core	1.232 V
+3.3 V	3.280 V
+5 V	4.865 V
+12 V	12.239 V
VBAT Battery	3.120 V
DIMM	1.648 V
GPU Core	0.875 V
GPU Vcc	3.257 V

Debug Info F	0161 FFFF FFFF FFFF 0000
Debug Info T	43 64 52
Debug Info V	4D 67 CD B5 72 C1 26 85 C3

CPU

CPU Properties:

CPU Type	QuadCore Intel Core i7 930, 2933 MHz (22 x 133)
CPU Alias	Bloomfield
CPU Stepping	D0
Instruction Set	x86, x86-64, MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2
Original Clock	2800 MHz
Min / Max CPU Multiplier	12x / 21x
Engineering Sample	No
L1 Code Cache	32 KB per core
L1 Data Cache	32 KB per core
L2 Cache	256 KB per core (On-Die, ECC, Full-Speed)
L3 Cache	8 MB (On-Die, ECC, Full-Speed)

Multi CPU:

Motherboard ID	OEM00000 PROD00000000
CPU #1	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #2	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #3	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #4	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #5	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #6	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #7	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz
CPU #8	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz, 2798 MHz

CPU Physical Info:

Package Type	1366 Contact FC-LGA
Package Size	4.25 cm x 4.50 cm
Transistors	731 million
Process Technology	45 nm, CMOS, Cu, High-K + Metal Gate
Die Size	263 mm2

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	http://www.intel.com/products/processor
Driver Update	http://www.aida64.com/driver-updates

CPU Utilization:

CPU #1 / Core #1 / HTT Unit #1	100 %
CPU #1 / Core #1 / HTT Unit #2	100 %
CPU #1 / Core #2 / HTT Unit #1	100 %
CPU #1 / Core #2 / HTT Unit #2	100 %
CPU #1 / Core #3 / HTT Unit #1	100 %
CPU #1 / Core #3 / HTT Unit #2	100 %
CPU #1 / Core #4 / HTT Unit #1	100 %
CPU #1 / Core #4 / HTT Unit #2	100 %

CPUID

CPUID Properties:

CPUID Manufacturer	GenuineIntel
CPUID CPU Name	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
CPUID Revision	000106A5h
IA Brand ID	00h (Unknown)
Platform ID	2Eh / MC 02h (LGA1366)
Microcode Update Revision	11
HTT / CMP Units	2 / 4
Tjmax Temperature	100 °C (212 °F)
CPU Thermal Design Power	130 W
CPU Thermal Design Current	110 A
Max Turbo Boost Multipliers	1C: 23x, 2C: 22x, 3C: 22x, 4C: 22x

Instruction Set:

64-bit x86 Extension (AMD64, Intel64)	Supported
AMD 3DNow!	Not Supported
AMD 3DNow! Professional	Not Supported
AMD 3DNowPrefetch	Not Supported
AMD Enhanced 3DNow!	Not Supported
AMD Extended MMX	Not Supported
AMD FMA4	Not Supported
AMD MisAligned SSE	Not Supported
AMD SSE4A	Not Supported
AMD XOP	Not Supported
Cyrix Extended MMX	Not Supported
Float-16 Conversion Instructions	Not Supported
IA-64	Not Supported
IA MMX	Supported
IA SSE	Supported
IA SSE 2	Supported
IA SSE 3	Supported
IA Supplemental SSE 3	Supported
IA SSE 4.1	Supported
IA SSE 4.2	Supported
IA AVX	Not Supported
IA FMA	Not Supported
IA AES Extensions	Not Supported
VIA Alternate Instruction Set	Not Supported
CLFLUSH Instruction	Supported
CMPXCHG8B Instruction	Supported
CMPXCHG16B Instruction	Supported
Conditional Move Instruction	Supported
LZCNT Instruction	Not Supported
MONITOR / MWAIT Instruction	Supported
MOVBE Instruction	Not Supported
PCLMULQDQ Instruction	Not Supported
POPCNT Instruction	Supported
RDRAND Instruction	Not Supported
RDTSCP Instruction	Supported

SYSCALL / SYSRET Instruction	Not Supported
SYSENTER / SYSEXIT Instruction	Supported
VIA FEMMS Instruction	Not Supported

Security Features:

Advanced Cryptography Engine (ACE)	Not Supported
Advanced Cryptography Engine 2 (ACE2)	Not Supported
Data Execution Prevention (DEP, NX, EDB)	Supported
Hardware Random Number Generator (RNG)	Not Supported
PadLock Hash Engine (PHE)	Not Supported
PadLock Montgomery Multiplier (PMM)	Not Supported
Processor Serial Number (PSN)	Not Supported

Power Management Features:

Automatic Clock Control	Supported
Digital Thermometer	Supported
Dynamic FSB Frequency Switching	Not Supported
Enhanced Halt State (C1E)	Supported, Disabled
Enhanced SpeedStep Technology (EIST, ESS)	Supported, Enabled
Frequency ID Control	Not Supported
Hardware P-State Control	Not Supported
LongRun	Not Supported
LongRun Table Interface	Not Supported
PowerSaver 1.0	Not Supported
PowerSaver 2.0	Not Supported
PowerSaver 3.0	Not Supported
Processor Duty Cycle Control	Supported
Software Thermal Control	Not Supported
Temperature Sensing Diode	Not Supported
Thermal Monitor 1	Supported
Thermal Monitor 2	Supported
Thermal Monitoring	Not Supported
Thermal Trip	Not Supported
Voltage ID Control	Not Supported

CPUID Features:

1 GB Page Size	Not Supported
36-bit Page Size Extension	Supported
Address Region Registers (ARR)	Not Supported
Core Power Boost	Not Supported
CPL Qualified Debug Store	Supported
Debug Trace Store	Supported
Debugging Extension	Supported
Direct Cache Access	Not Supported
Dynamic Acceleration Technology (IDA)	Not Supported
Fast Save & Restore	Supported
Hyper-Threading Technology (HTT)	Supported, Enabled
Invariant Time Stamp Counter	Supported
L1 Context ID	Not Supported
Local APIC On Chip	Supported
Machine Check Architecture (MCA)	Supported
Machine Check Exception (MCE)	Supported
Memory Configuration Registers (MCR)	Not Supported
Memory Type Range Registers (MTRR)	Supported
Model Specific Registers (MSR)	Supported

Nested Paging	Not Supported
Page Attribute Table (PAT)	Supported
Page Global Extension	Supported
Page Size Extension (PSE)	Supported
Pending Break Event	Supported
Physical Address Extension (PAE)	Supported
Safer Mode Extensions (SMX)	Not Supported
Secure Virtual Machine Extensions (Pacifica)	Not Supported
Self-Snoop	Supported
Time Stamp Counter (TSC)	Supported
Turbo Boost	Supported, Enabled
Virtual Machine Extensions (Vanderpool)	Supported
Virtual Mode Extension	Supported
x2APIC	Not Supported
XGETBV / XSETBV OS Enabled	Not Supported
XSAVE / XRSTOR / XSETBV / XGETBV Extended States	Not Supported

CPUID Registers (CPU #1):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-00100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002
CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000000
CPUID 0000000B	00000004-00000008-00000201-00000000
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #2 Virtual):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-01100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002
CPUID 00000005	00000040-00000040-00000003-00001120

CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000001
CPUID 0000000B	00000004-00000008-00000201-00000001
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #3):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-02100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002
CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000002
CPUID 0000000B	00000004-00000008-00000201-00000002
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #4 Virtual):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-03100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002

CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000003
CPUID 0000000B	00000004-00000008-00000201-00000003
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #5):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-04100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002
CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000004
CPUID 0000000B	00000004-00000008-00000201-00000004
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #6 Virtual):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-05100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002

CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000005
CPUID 0000000B	00000004-00000008-00000201-00000005
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #7):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-06100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000
CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002
CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000006
CPUID 0000000B	00000004-00000008-00000201-00000006
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

CPUID Registers (CPU #8 Virtual):

CPUID 00000000	0000000B-756E6547-6C65746E-49656E69
CPUID 00000001	000106A5-07100800-0098E3BD-BFEBFBFF
CPUID 00000002	55035A01-00F0B2E4-00000000-09CA212C
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-01C0003F-0000003F-00000000
CPUID 00000004	1C004122-00C0003F-0000007F-00000000
CPUID 00000004	1C004143-01C0003F-000001FF-00000000

CPUID 00000004	1C03C163-03C0003F-00001FFF-00000002
CPUID 00000005	00000040-00000040-00000003-00001120
CPUID 00000006	00000003-00000002-00000001-00000000
CPUID 00000007	00000000-00000000-00000000-00000000
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	07300403-00000044-00000000-00000603
CPUID 0000000B	00000001-00000002-00000100-00000007
CPUID 0000000B	00000004-00000008-00000201-00000007
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000001-28100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865
CPUID 80000003	37692029-55504320-20202020-20202020
CPUID 80000004	30333920-20402020-30382E32-007A4847
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003024-00000000-00000000-00000000

MSR Registers:

MSR 00000017	0004-0000-0000-0000 [PlatID = 1]
MSR 0000001B	0000-0000-FEE0-0900
MSR 00000035	0000-0000-0004-0008
MSR 0000008B	0000-0011-0000-0000
MSR 000000CE	0000-0C00-0001-1501
MSR 000000E7	0000-0000-02B0-F047
MSR 000000E8	0000-0000-02D1-DCB6
MSR 00000194	0000-0000-0000-0000
MSR 00000198	0000-0000-0000-0016
MSR 00000199	0000-0000-0000-0016
MSR 0000019A	0000-0000-0000-0000
MSR 0000019B	0000-0000-0000-0000
MSR 0000019C	0000-0000-8820-0000
MSR 0000019D	0000-0000-0000-0000
MSR 000001A0	0000-0000-0085-0089
MSR 000001A2	0000-0000-0064-1400
MSR 000001A4	0000-0000-0000-0000
MSR 000001AA	0000-0000-0000-0000
MSR 000001AC	0000-0000-0370-0410
MSR 000001AD	0000-0000-1616-1617
MSR 000001FC	0000-0000-0000-0001
MSR 00000300	0000-0000-F000-000D

Motherboard

Motherboard Properties:

Motherboard ID	12/23/2010-X58-ICH10-7A89QG0NC-00
Motherboard Name	Gigabyte GA-X58A-UD3R v2

Front Side Bus Properties:

Bus Type	Intel QPI

Real Clock	133 MHz
Effective Clock	133 MHz
QPI Clock	2398 MHz

Memory Bus Properties:

Bus Type	Triple DDR3 SDRAM
Bus Width	192-bit
DRAM:FSB Ratio	6:1
Real Clock	800 MHz (DDR)
Effective Clock	1600 MHz
Bandwidth	38396 MB/s

Chipset Bus Properties:

Bus Type	Intel ESI

Motherboard Physical Info:

CPU Sockets/Slots	1 LGA1366
Expansion Slots	1 PCI, 2 PCI-E x1, 4 PCI-E x16
RAM Slots	6 DDR3 DIMM
Integrated Devices	Audio, Gigabit LAN, IEEE-1394
Form Factor	ATX
Motherboard Size	240 mm x 300 mm
Motherboard Chipset	X58
Extra Features	DualBIOS, Ultra-ATA/133, SATA-III, RAID

Motherboard Manufacturer:

Company Name	Gigabyte Technology Co., Ltd.
Product Information	http://www.giga-byte.com/products/main.aspx?s=42
BIOS Download	http://www.giga-byte.com/support-downloads/download-center.aspx
Driver Update	http://www.aida64.com/driver-updates
BIOS Upgrades	http://www.aida64.com/bios-updates

Memory

Physical Memory:

Total	6142 MB
Used	995 MB
Free	5146 MB
Utilization	16 %

Swap Space:

Total	12283 MB
Used	1238 MB
Free	11044 MB
Utilization	10 %

Virtual Memory:

Total	18425 MB
Used	2234 MB
Free	16191 MB
Utilization	12 %

Paging File:

Paging File	C:\pagefile.sys
Current Size	6142 MB

Physical Address Extension (PAE):

Supported by Operating System	Yes
Supported by CPU	Yes
Active	Yes

SPD

[DIMM1: Crucial (2 GB DDR3-1333 DDR3 SDRAM)]

Memory Module Properties:

Module Name	Crucial
Serial Number	None
Module Size	2 GB (2 ranks, 8 banks)
Module Type	Unbuffered DIMM
Memory Type	DDR3 SDRAM
Memory Speed	DDR3-1333 (667 MHz)
Module Width	64 bit
Module Voltage	1.5 V
Error Detection Method	None
DRAM Manufacturer	Micron

Memory Timings:

@ 666 MHz	9-9-9-24 (CL-RCD-RP-RAS) / 33-74-4-10-5-5 (RC-RFC-RRD-WR-WTR-RTP)
@ 592 MHz	8-8-8-22 (CL-RCD-RP-RAS) / 30-66-4-9-5-5 (RC-RFC-RRD-WR-WTR-RTP)
@ 444 MHz	6-6-6-16 (CL-RCD-RP-RAS) / 22-49-3-7-4-4 (RC-RFC-RRD-WR-WTR-RTP)

Extreme Memory Profile:

Profile Name	Enthusiast (Certified)
Memory Speed	DDR3-1600 (800 MHz)
Voltage	1.65 V
@ 800 MHz	8-8-8-24 (CL-RCD-RP-RAS) / 36-88-2-5-12-6-6 (RC-RFC-CR-RRD-WR-WTR-RTP)
@ 700 MHz	7-7-7-21 (CL-RCD-RP-RAS) / 32-77-2-5-11-6-6 (RC-RFC-CR-RRD-WR-WTR-RTP)
@ 600 MHz	6-6-6-18 (CL-RCD-RP-RAS) / 27-66-2-4-9-5-5 (RC-RFC-CR-RRD-WR-WTR-RTP)

Memory Module Features:

Auto Self Refresh	Supported
Extended Temperature Range	Supported
Extended Temperature Refresh Rate	Not Supported
On-Die Thermal Sensor Readout	Not Supported

Memory Module Manufacturer:

Company Name	Micron Technology, Inc.
Product Information	http://www.crucial.com

[DIMM3: Crucial (2 GB DDR3-1333 DDR3 SDRAM)]

Memory Module Properties:

Module Name	Crucial
Serial Number	None
Module Size	2 GB (2 ranks, 8 banks)
Module Type	Unbuffered DIMM
Memory Type	DDR3 SDRAM
Memory Speed	DDR3-1333 (667 MHz)
Module Width	64 bit
Module Voltage	1.5 V
Error Detection Method	None
DRAM Manufacturer	Micron

Memory Timings:

@ 666 MHz	9-9-9-24 (CL-RCD-RP-RAS) / 33-74-4-10-5-5 (RC-RFC-RRD-WR-WTR-RTP)
@ 592 MHz	8-8-8-22 (CL-RCD-RP-RAS) / 30-66-4-9-5-5 (RC-RFC-RRD-WR-WTR-RTP)
@ 444 MHz	6-6-6-16 (CL-RCD-RP-RAS) / 22-49-3-7-4-4 (RC-RFC-RRD-WR-WTR-RTP)

Extreme Memory Profile:

Profile Name	Enthusiast (Certified)
Memory Speed	DDR3-1600 (800 MHz)
Voltage	1.65 V
@ 800 MHz	8-8-8-24 (CL-RCD-RP-RAS) / 36-88-2-5-12-6-6 (RC-RFC-CR-RRD-WR-WTR-RTP)
@ 700 MHz	7-7-7-21 (CL-RCD-RP-RAS) / 32-77-2-5-11-6-6 (RC-RFC-CR-RRD-WR-WTR-RTP)
@ 600 MHz	6-6-6-18 (CL-RCD-RP-RAS) / 27-66-2-4-9-5-5 (RC-RFC-CR-RRD-WR-WTR-RTP)

Memory Module Features:

Auto Self Refresh	Supported
Extended Temperature Range	Supported
Extended Temperature Refresh Rate	Not Supported
On-Die Thermal Sensor Readout	Not Supported

Memory Module Manufacturer:

Company Name	Micron Technology, Inc.
Product Information	http://www.crucial.com

[DIMM5: Crucial (2 GB DDR3-1333 DDR3 SDRAM)]

Memory Module Properties:

Module Name	Crucial
Serial Number	None
Module Size	2 GB (2 ranks, 8 banks)

Module Type	Unbuffered DIMM
Memory Type	DDR3 SDRAM
Memory Speed	DDR3-1333 (667 MHz)
Module Width	64 bit
Module Voltage	1.5 V
Error Detection Method	None
DRAM Manufacturer	Micron

Memory Timings:

@ 666 MHz	9-9-9-24 (CL-RCD-RP-RAS) / 33-74-4-10-5-5 (RC-RFC-RRD-WR-WTR-RTP)
@ 592 MHz	8-8-8-22 (CL-RCD-RP-RAS) / 30-66-4-9-5-5 (RC-RFC-RRD-WR-WTR-RTP)
@ 444 MHz	6-6-6-16 (CL-RCD-RP-RAS) / 22-49-3-7-4-4 (RC-RFC-RRD-WR-WTR-RTP)

Extreme Memory Profile:

Profile Name	Enthusiast (Certified)
Memory Speed	DDR3-1600 (800 MHz)
Voltage	1.65 V
@ 800 MHz	8-8-8-24 (CL-RCD-RP-RAS) / 36-88-2-5-12-6-6 (RC-RFC-CR-RRD-WR-WTR-RTP)
@ 700 MHz	7-7-7-21 (CL-RCD-RP-RAS) / 32-77-2-5-11-6-6 (RC-RFC-CR-RRD-WR-WTR-RTP)
@ 600 MHz	6-6-6-18 (CL-RCD-RP-RAS) / 27-66-2-4-9-5-5 (RC-RFC-CR-RRD-WR-WTR-RTP)

Memory Module Features:

Auto Self Refresh	Supported
Extended Temperature Range	Supported
Extended Temperature Refresh Rate	Not Supported
On-Die Thermal Sensor Readout	Not Supported

Memory Module Manufacturer:

Company Name	Micron Technology, Inc.
Product Information	http://www.crucial.com

Chipset

[North Bridge: Intel Tylersburg X58]

North Bridge Properties:

North Bridge	Intel Tylersburg X58
Revision / Stepping	13 / B3
Package Type	1295 Pin FC-BGA
Package Size	3.75 cm x 3.75 cm
Core Voltage	1.1 V

PCI Express Controller:

PCI-E 2.0 x2 port #1	In Use @ x1 (Marvell 88SE9128 SATA 6Gb/s Controller)
PCI-E 2.0 x2 port #2	In Use @ x1 (NEC uPD720200 USB 3.0 Host Controller)

PCI-E 2.0 x16 port #3	In Use @ x16 (EVGA e-GeForce GTX 470 Video Adapter, nVIDIA GF100 - High Definition Audio Controller)

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	http://www.intel.com/products/chipsets
Driver Download	http://support.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/bios-updates
Driver Update	http://www.aida64.com/driver-updates

[North Bridge: Intel Nehalem IMC]

North Bridge Properties:

North Bridge	Intel Nehalem IMC
Revision	00
Process Technology	45 nm

Memory Controller:

Type	Triple Channel (192-bit)
Active Mode	Triple Channel (192-bit)

Memory Timings:

CAS Latency (CL)	8T
RAS To CAS Delay (tRCD)	8T
RAS Precharge (tRP)	8T
RAS Active Time (tRAS)	24T
Row Refresh Cycle Time (tRFC)	88T
Command Rate (CR)	2T
RAS To RAS Delay (tRRD)	5T
Read To Read Delay (tRTR)	Same Rank: 4T, Different Rank: 6T, Different DIMM: 7T
Read To Write Delay (tRTW)	Same Rank: 9T, Different Rank: 9T, Different DIMM: 9T
Write To Read Delay (tWTR)	Same Rank: 18T, Different Rank: 7T, Different DIMM: 7T
Write To Write Delay (tWTW)	Same Rank: 4T, Different Rank: 7T, Different DIMM: 7T
Read To Precharge Delay (tRTP)	6T
Write To Precharge Delay (tWTP)	24T
Four Activate Window Delay (tFAW)	24T
CKE Min. Pulse Width (tCKE)	4T
Refresh Period (tREF)	787T
Round Trip Latency (tRTL)	60T
Idle Cycle Limit	50T

Error Correction:

ECC	Supported, Disabled
ChipKill ECC	Supported, Disabled

RAID	Not Supported
ECC Scrubbing	Supported, Disabled

Memory Slots:

DRAM Slot #1	2 GB (DDR3-1333 DDR3 SDRAM)
DRAM Slot #2	2 GB (DDR3-1333 DDR3 SDRAM)
DRAM Slot #3	2 GB (DDR3-1333 DDR3 SDRAM)

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	http://www.intel.com/products/chipsets
Driver Download	http://support.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/bios-updates
Driver Update	http://www.aida64.com/driver-updates

[South Bridge: Intel 82801JR ICH10R]

South Bridge Properties:

South Bridge	Intel 82801JR ICH10R
Revision / Stepping	90 / A0
Package Type	676 Pin mBGA
Package Size	3.1 cm x 3.1 cm
Core Voltage	1.1 V

High Definition Audio:

Codec Name	Realtek ALC889
Codec ID	10EC0889h / 1458A022h
Codec Revision	00100004h
Codec Type	Audio
Supported Sound Formats	32 kHz, 44 kHz, 48 kHz, 88 kHz, 96 kHz, 192 kHz, 16-bit, 20-bit, 24-bit

PCI Express Controller:

PCI-E 1.0 x1 port #1	Empty
PCI-E 1.0 x1 port #2	In Use @ x1 (Gigabyte GBB363 SATA-II RAID Controller)
PCI-E 1.0 x1 port #4	In Use @ x1 (Gigabyte GBB363 SATA-II RAID Controller)
PCI-E 1.0 x1 port #5	In Use @ x1 (Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter)

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	http://www.intel.com/products/chipsets
Driver Download	http://support.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/bios-updates
Driver Update	http://www.aida64.com/driver-updates

BIOS

BIOS Properties:

BIOS Type	Award Modular
BIOS Version	FE
Award BIOS Type	Award Modular BIOS v6.00PG
Award BIOS Message	X58A-UD3R FE

System BIOS Date	12/23/10
Video BIOS Date	04/16/10

BIOS Manufacturer:

Company Name	Phoenix Technologies Ltd.
Product Information	http://www.phoenix.com/pages/products
BIOS Upgrades	http://www.aida64.com/bios-updates

ACPI

[APIC: Multiple APIC Description Table]

ACPI Table Properties:

ACPI Signature	APIC
Table Description	Multiple APIC Description Table
Memory Address	DFED6B40h
Table Length	300 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI
OEM Revision	42302E31h
Creator ID	GBTU
Creator Revision	01010101h
Local APIC Address	FEE00000h

[DSDT: Differentiated System Description Table]

ACPI Table Properties:

ACPI Signature	DSDT
Table Description	Differentiated System Description Table
Memory Address	DFED1180h
Table Length	22890 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI
OEM Revision	00001000h
Creator ID	MSFT
Creator Revision	0100000Ch

nVIDIA SLI:

987134512781Genuine NVIDIA Certified SLI Ready Motherboard for GIGABYTE GA

SLI Certification	EX58 EXT1426-Copyright 2008 NVIDIA Corporation All Rights Reserved-765289891023(R)
PCI 0-0-0-0 (Direct I/O)	8086-3405 (Intel X58)
PCI 0-0-0-0 (HAL)	8086-3405 (Intel X58)

[EUDS: Gigabyte EUDS]

ACPI Table Properties:

ACPI Signature	EUDS
Table Description	Gigabyte EUDS
Memory Address	DFED6D80h
Table Length	1232 bytes
OEM ID	GBT
OEM Revision	00000000h
Creator Revision	00000000h

[FACP: Fixed ACPI Description Table]

ACPI Table Properties:

ACPI Signature	FACP
Table Description	Fixed ACPI Description Table
Memory Address	DFED10C0h
Table Length	116 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI
OEM Revision	42302E31h
Creator ID	GBTU
Creator Revision	01010101h
SMI Command Port	000000B2h
PM Timer	00000408h

[FACS: Firmware ACPI Control Structure]

ACPI Table Properties:

ACPI Signature	FACS
Table Description	Firmware ACPI Control Structure
Memory Address	DFED0000h

Table Length	64 bytes

[HPET: IA-PC High Precision Event Timer Table]

ACPI Table Properties:

ACPI Signature	HPET
Table Description	IA-PC High Precision Event Timer Table
Memory Address	DFED6CC0h
Table Length	56 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI
OEM Revision	42302E31h
Creator ID	GBTU
Creator Revision	00000098h

[MATS: Gigabyte MATS]

ACPI Table Properties:

ACPI Signature	MATS
Table Description	Gigabyte MATS
Memory Address	DFED7250h
Table Length	52 bytes
OEM ID	GBT
OEM Revision	00000000h
Creator Revision	00000000h
UCCA Address	DFED7284h

[MCFG: Memory Mapped Configuration Space Base Address Description Table]

ACPI Table Properties:

ACPI Signature	MCFG
Table Description	Memory Mapped Configuration Space Base Address Description Table
Memory Address	DFED6D40h
Table Length	60 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI

OEM Revision	42302E31h
Creator ID	GBTU
Creator Revision	01010101h

[RSD PTR: Root System Description Pointer]

ACPI Table Properties:

ACPI Signature	RSD PTR
Table Description	Root System Description Pointer
Memory Address	000F7880h
Table Length	20 bytes
OEM ID	GBT
RSDP Revision	0
RSDT Address	DFED1040h

[RSDT: Root System Description Table]

ACPI Table Properties:

ACPI Signature	RSDT
Table Description	Root System Description Table
Memory Address	DFED1040h
Table Length	72 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI
OEM Revision	42302E31h
Creator ID	GBTU
Creator Revision	01010101h
RSDT Entry #0	DFED10C0h
RSDT Entry #1	DFED6CC0h
RSDT Entry #2	DFED6D40h
RSDT Entry #3	DFED6D80h
RSDT Entry #4	DFED7250h
RSDT Entry #5	DFED72C0h
RSDT Entry #6	DFED6B40h
RSDT Entry	DFED7F40h

RSDT Entry #7	
RSDT Entry #8	DFED0050h

[SLIC: Software Licensing Description Table]

ACPI Table Properties:

ACPI Signature	SLIC
Table Description	Software Licensing Description Table
Memory Address	DFED0050h
Table Length	374 bytes
OEM ID	GBT
OEM Table ID	GBTUACPI
OEM Revision	00000001h
Creator ID	MSFT
Creator Revision	000F4240h
SLIC Version	2.1

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	DFED7F40h
Table Length	10508 bytes
OEM ID	INTEL
OEM Table ID	PPM RCM
OEM Revision	80000001h
Creator ID	INTL
Creator Revision	20061109h

[TAMG: Gigabyte TAMG]

ACPI Table Properties:

ACPI Signature	TAMG
Table Description	Gigabyte TAMG
Memory Address	DFED72C0h
Table Length	3194 bytes

OEM ID	GBT
OEM Table ID	GBT B0
OEM Revision	5455312Eh
Creator ID	BG
Creator Revision	53450101h

[UCCA: Gigabyte UCCA]

ACPI Table Properties:

ACPI Signature	UCCA
Table Description	Gigabyte UCCA
Memory Address	DFED7284h
Table Length	52 bytes

Windows Video

[NVIDIA GeForce GTX 470]

Video Adapter Properties:

Device Description	NVIDIA GeForce GTX 470
Adapter String	GeForce GTX 470
BIOS String	Version 70.0.21.0.70
Chip Type	GeForce GTX 470
DAC Type	Integrated RAMDAC
Driver Date	1/6/2011
Driver Version	8.17.12.6658 - nVIDIA ForceWare 266.58
Driver Provider	NVIDIA
Memory Size	1280 MB

Installed Drivers:

nvd3dumx	8.17.12.6658
nvwgf2umx	8.17.12.6658
nvwgf2umx	8.17.12.6658
nvd3dum	8.17.12.6658 - nVIDIA ForceWare 266.58
nvwgf2um	8.17.12.6658
nvwgf2um	8.17.12.6658

Video Adapter Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

[NVIDIA GeForce GTX 470]

Video Adapter Properties:

Device Description	NVIDIA GeForce GTX 470
Adapter String	GeForce GTX 470
BIOS String	Version 70.0.21.0.70
Chip Type	GeForce GTX 470
DAC Type	Integrated RAMDAC
Driver Date	1/6/2011
Driver Version	8.17.12.6658 - nVIDIA ForceWare 266.58
Driver Provider	NVIDIA
Memory Size	1280 MB

Installed Drivers:

nvd3dumx	8.17.12.6658
nvwgf2umx	8.17.12.6658
nvwgf2umx	8.17.12.6658
nvd3dum	8.17.12.6658 - nVIDIA ForceWare 266.58
nvwgf2um	8.17.12.6658
nvwgf2um	8.17.12.6658

Video Adapter Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

PCI / AGP Video

Device Description	Device Type
nVIDIA GeForce GTX 470	Video Adapter
nVIDIA GeForce GTX 470	3D Accelerator

GPU

[PCI Express 2.0 x16: EVGA e-GeForce GTX 470]

Graphics Processor Properties:

Video Adapter	EVGA e-GeForce GTX 470
BIOS Version	70.00.21.00.70
GPU Code Name	GF100
PCI Device	10DE-06CD / 3842-1472 (Rev A3)
Transistors	3200 million
Process Technology	40 nm
Die Size	529 mm2
Bus Type	PCI Express 2.0 x16 @ x16
Memory Size	1280 MB
GPU Clock (Geometric Domain)	50 MHz (original: 625 MHz)
GPU Clock (Shader Domain)	101 MHz (original: 1250 MHz)
RAMDAC Clock	400 MHz

Pixel Pipelines	40
TMU Per Pipeline	1
Unified Shaders	448 (v5.0)
DirectX Hardware Support	DirectX v11
Pixel Fillrate	2000 MPixel/s
Texel Fillrate	11200 MTexel/s

Memory Bus Properties:

Bus Type	GDDR5
Bus Width	320-bit
Real Clock	67 MHz (QDR) (original: 850 MHz)
Effective Clock	270 MHz
Bandwidth	10.5 GB/s

Utilization:

GPU	6%
Memory Controller	6%
Video Engine	0%

nVIDIA ForceWare Clocks:

Level #1	GPU: 50 MHz, Shader: 101 MHz, Memory: 135 MHz
Level #2	GPU: 405 MHz, Shader: 810 MHz, Memory: 324 MHz
Level #3	GPU: 405 MHz, Shader: 810 MHz, Memory: 1701 MHz
Level #4	GPU: 625 MHz, Shader: 1250 MHz, Memory: 1701 MHz

Graphics Processor Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

nVIDIA GPU Registers:

nv-000000	0C0680A3
nv-0010F0	00000000
nv-001218	00000000
nv-001540	00000000
nv-0015F4	00000000
nv-0015F8	00000000
nv-0015FC	00000000
nv-001600	00000000
nv-001850	00000000
nv-004000	00000000
nv-004004	00000000
nv-004008	00000000
nv-00400C	00000000
nv-004018	00000000
nv-00401C	00000000
nv-004020	00000000
nv-004024	00000000
nv-004028	00000000
nv-00402C	00000000
nv-004120	00000000
nv-004124	00000000

nv-004128	00000000
nv-004200	00000000
nv-004220	00000000
nv-00C040	00000000
nv-00E114	00000001
nv-00E118	00000000
nv-00E11C	00000001
nv-00E120	00000000
nv-00E728	00200040
nv-00E820	01030005
nv-00E8A0	00000000
nv-020008	C008360C
nv-020014	FA580392
nv-020400	00000027
nv-022438	00000006
nv-02243C	00000000
nv-022554	00000001
nv-100000	00000000
nv-100200	00000000
nv-10020C	00000000
nv-100214	00000000
nv-100474	00000000
nv-100714	00000403
nv-100914	00000000
nv-101000	A040748A
nv-10F290	020A0507
nv-10F294	34208287
nv-10F590	00100204
nv-121C74	00000005
nv-300000	EB7AAA55
nv-310000	FFFFFFFF
nv-419E9C	00000030
nv-700000	C9485544
nv-7E0000	EB7AAA55

[nVIDIA SLI]

nVIDIA SLI:

SLI Status	Disabled

Monitor

[BenQ E2400HD (Digital)]

Monitor Properties:

Monitor Name	BenQ E2400HD (Digital)
Monitor ID	BNQ790E
Model	BENQ E2400HD
Monitor Type	24" LCD
Manufacture Date	Week 46 / 2008
Serial Number	AB802654019

Max. Visible Display Size	48 cm x 27 cm (21.7")
Picture Aspect Ratio	16:9
Brightness	300 cd/m2
Contrast Ratio	1000:1
Viewing Angles	170/160°
Input Connectors	DSub, DVI-D, HDMI
Horizontal Frequency	30 - 94 kHz
Vertical Frequency	50 - 85 Hz
Maximum Pixel Clock	210 MHz
Maximum Resolution	1920 x 1080
Gamma	2.20
DPMS Mode Support	Active-Off

Supported Video Modes:

640 x 480	85 Hz
800 x 480	85 Hz
800 x 600	85 Hz
1024 x 600	85 Hz
1024 x 768	85 Hz
1152 x 864	85 Hz
1280 x 720	85 Hz
1280 x 768	85 Hz
1280 x 800	85 Hz
1280 x 1024	85 Hz
1366 x 768	85 Hz
1400 x 1050	85 Hz
1440 x 900	85 Hz
1680 x 1050	85 Hz
1920 x 1080	80 Hz

Monitor Manufacturer:

Company Name	BenQ Inc.
Product Information	http://www.benq.com/products/LCD
Driver Download	http://www.benq.us/ServiceAndSupport
Driver Update	http://www.aida64.com/driver-updates

Desktop

Desktop Properties:

Device Technology	Raster Display
Resolution	1920 x 1080
Color Depth	32-bit
Color Planes	1
Font Resolution	96 dpi
Pixel Width / Height	36 / 36
Pixel Diagonal	51
Vertical Refresh Rate	60 Hz
Desktop Wallpaper	C:\Users\Felles\AppData\Roaming\Microsoft\Windows\Themes\TranscodedWallpaper.jpg

Desktop Effects:

Combo-Box Animation	Enabled
Drop Shadow Effect	Enabled
Flat Menu Effect	Enabled
Font Smoothing	Enabled
ClearType	Enabled
Full Window Dragging	Enabled
Gradient Window Title Bars	Enabled
Hide Menu Access Keys	Enabled
Hot Tracking Effect	Enabled
Icon Title Wrapping	Enabled
List-Box Smooth Scrolling	Enabled
Menu Animation	Enabled
Menu Fade Effect	Enabled
Minimize/Restore Animation	Enabled
Mouse Cursor Shadow	Enabled
Selection Fade Effect	Enabled
ShowSounds Accessibility Feature	Disabled
ToolTip Animation	Enabled
ToolTip Fade Effect	Enabled
Windows Aero	Enabled
Windows Plus! Extension	Disabled

Multi-Monitor

Device ID	Primary	Upper Left Corner	Bottom Right Corner
\\.\DISPLAY1	Yes	(0,0)	(1920,1080)

Video Modes

Resolution	Color Depth	Refresh Rate

640 x 480	8-bit	59 Hz
640 x 480	8-bit	60 Hz
640 x 480	8-bit	72 Hz
640 x 480	8-bit	75 Hz
640 x 480	16-bit	59 Hz
640 x 480	16-bit	60 Hz
640 x 480	16-bit	72 Hz
640 x 480	16-bit	75 Hz
640 x 480	32-bit	59 Hz
640 x 480	32-bit	60 Hz
640 x 480	32-bit	72 Hz
640 x 480	32-bit	75 Hz
720 x 480	8-bit	59 Hz
720 x 480	8-bit	60 Hz
720 x 480	16-bit	59 Hz
720 x 480	16-bit	60 Hz
720 x 480	32-bit	59 Hz
720 x 480	32-bit	60 Hz
720 x 576	8-bit	50 Hz
720 x 576	16-bit	50 Hz
720 x 576	32-bit	50 Hz
800 x 600	8-bit	56 Hz
800 x 600	8-bit	60 Hz
800 x 600	8-bit	72 Hz
800 x 600	8-bit	75 Hz
800 x 600	16-bit	56 Hz
800 x 600	16-bit	60 Hz
800 x 600	16-bit	72 Hz
800 x 600	16-bit	75 Hz
800 x 600	32-bit	56 Hz
800 x 600	32-bit	60 Hz
800 x 600	32-bit	72 Hz
800 x 600	32-bit	75 Hz
1024 x 768	8-bit	60 Hz
1024 x 768	8-bit	70 Hz
1024 x 768	8-bit	75 Hz
1024 x 768	16-bit	60 Hz
1024 x 768	16-bit	70 Hz
1024 x 768	16-bit	75 Hz
1024 x 768	32-bit	60 Hz
1024 x 768	32-bit	70 Hz
1024 x 768	32-bit	75 Hz
1152 x 864	8-bit	60 Hz
1152 x 864	8-bit	60 Hz
1152 x 864	8-bit	60 Hz
1152 x 864	16-bit	60 Hz
1152 x 864	16-bit	60 Hz
1152 x 864	16-bit	60 Hz
1152 x 864	32-bit	60 Hz
1152 x 864	32-bit	60 Hz
1152 x 864	32-bit	60 Hz
1176 x 664	8-bit	50 Hz
1176 x 664	8-bit	50 Hz
1176 x 664	8-bit	50 Hz

1176 x 664	8-bit	59 Hz
1176 x 664	8-bit	59 Hz
1176 x 664	8-bit	59 Hz
1176 x 664	8-bit	60 Hz
1176 x 664	8-bit	60 Hz
1176 x 664	8-bit	60 Hz
1176 x 664	16-bit	50 Hz
1176 x 664	16-bit	50 Hz
1176 x 664	16-bit	50 Hz
1176 x 664	16-bit	59 Hz
1176 x 664	16-bit	59 Hz
1176 x 664	16-bit	59 Hz
1176 x 664	16-bit	60 Hz
1176 x 664	16-bit	60 Hz
1176 x 664	16-bit	60 Hz
1176 x 664	32-bit	50 Hz
1176 x 664	32-bit	50 Hz
1176 x 664	32-bit	50 Hz
1176 x 664	32-bit	59 Hz
1176 x 664	32-bit	59 Hz
1176 x 664	32-bit	59 Hz
1176 x 664	32-bit	60 Hz
1176 x 664	32-bit	60 Hz
1176 x 664	32-bit	60 Hz
1280 x 720	8-bit	50 Hz
1280 x 720	8-bit	59 Hz
1280 x 720	8-bit	60 Hz
1280 x 720	16-bit	50 Hz
1280 x 720	16-bit	59 Hz
1280 x 720	16-bit	60 Hz
1280 x 720	32-bit	50 Hz
1280 x 720	32-bit	59 Hz
1280 x 720	32-bit	60 Hz
1280 x 768	8-bit	60 Hz
1280 x 768	8-bit	60 Hz
1280 x 768	8-bit	60 Hz
1280 x 768	16-bit	60 Hz
1280 x 768	16-bit	60 Hz
1280 x 768	16-bit	60 Hz
1280 x 768	32-bit	60 Hz
1280 x 768	32-bit	60 Hz
1280 x 768	32-bit	60 Hz
1280 x 800	8-bit	60 Hz
1280 x 800	8-bit	60 Hz
1280 x 800	8-bit	60 Hz
1280 x 800	16-bit	60 Hz
1280 x 800	16-bit	60 Hz
1280 x 800	16-bit	60 Hz
1280 x 800	32-bit	60 Hz
1280 x 800	32-bit	60 Hz
1280 x 800	32-bit	60 Hz
1280 x 960	8-bit	60 Hz
1280 x 960	16-bit	60 Hz
1280 x 960	32-bit	60 Hz

1280 x 1024	8-bit	60 Hz
1280 x 1024	8-bit	75 Hz
1280 x 1024	16-bit	60 Hz
1280 x 1024	16-bit	75 Hz
1280 x 1024	32-bit	60 Hz
1280 x 1024	32-bit	75 Hz
1360 x 768	8-bit	60 Hz
1360 x 768	8-bit	60 Hz
1360 x 768	8-bit	60 Hz
1360 x 768	16-bit	60 Hz
1360 x 768	16-bit	60 Hz
1360 x 768	16-bit	60 Hz
1360 x 768	32-bit	60 Hz
1360 x 768	32-bit	60 Hz
1360 x 768	32-bit	60 Hz
1366 x 768	8-bit	60 Hz
1366 x 768	8-bit	60 Hz
1366 x 768	8-bit	60 Hz
1366 x 768	16-bit	60 Hz
1366 x 768	16-bit	60 Hz
1366 x 768	16-bit	60 Hz
1366 x 768	32-bit	60 Hz
1366 x 768	32-bit	60 Hz
1366 x 768	32-bit	60 Hz
1440 x 576	8-bit	60 Hz
1440 x 576	8-bit	60 Hz
1440 x 576	8-bit	60 Hz
1440 x 576	16-bit	60 Hz
1440 x 576	16-bit	60 Hz
1440 x 576	16-bit	60 Hz
1440 x 576	32-bit	60 Hz
1440 x 576	32-bit	60 Hz
1440 x 576	32-bit	60 Hz
1440 x 900	8-bit	60 Hz
1440 x 900	16-bit	60 Hz
1440 x 900	32-bit	60 Hz
1600 x 900	8-bit	59 Hz
1600 x 900	8-bit	59 Hz
1600 x 900	8-bit	59 Hz
1600 x 900	8-bit	60 Hz
1600 x 900	8-bit	60 Hz
1600 x 900	8-bit	60 Hz
1600 x 900	16-bit	59 Hz
1600 x 900	16-bit	59 Hz
1600 x 900	16-bit	59 Hz
1600 x 900	16-bit	60 Hz
1600 x 900	16-bit	60 Hz
1600 x 900	16-bit	60 Hz
1600 x 900	32-bit	59 Hz
1600 x 900	32-bit	59 Hz
1600 x 900	32-bit	59 Hz
1600 x 900	32-bit	60 Hz
1600 x 900	32-bit	60 Hz
1600 x 900	32-bit	60 Hz
1600 x 1024	8-bit	59 Hz

1600 x 1024	8-bit	59 Hz
1600 x 1024	8-bit	59 Hz
1600 x 1024	8-bit	60 Hz
1600 x 1024	8-bit	60 Hz
1600 x 1024	8-bit	60 Hz
1600 x 1024	16-bit	59 Hz
1600 x 1024	16-bit	59 Hz
1600 x 1024	16-bit	59 Hz
1600 x 1024	16-bit	60 Hz
1600 x 1024	16-bit	60 Hz
1600 x 1024	16-bit	60 Hz
1600 x 1024	32-bit	59 Hz
1600 x 1024	32-bit	59 Hz
1600 x 1024	32-bit	59 Hz
1600 x 1024	32-bit	60 Hz
1600 x 1024	32-bit	60 Hz
1600 x 1024	32-bit	60 Hz
1600 x 1200	8-bit	60 Hz
1600 x 1200	16-bit	60 Hz
1600 x 1200	32-bit	60 Hz
1680 x 1050	8-bit	59 Hz
1680 x 1050	8-bit	60 Hz
1680 x 1050	16-bit	59 Hz
1680 x 1050	16-bit	60 Hz
1680 x 1050	32-bit	59 Hz
1680 x 1050	32-bit	60 Hz
1768 x 992	8-bit	25 Hz
1768 x 992	8-bit	25 Hz
1768 x 992	8-bit	25 Hz
1768 x 992	8-bit	29 Hz
1768 x 992	8-bit	29 Hz
1768 x 992	8-bit	29 Hz
1768 x 992	8-bit	30 Hz
1768 x 992	8-bit	30 Hz
1768 x 992	8-bit	30 Hz
1768 x 992	8-bit	50 Hz
1768 x 992	8-bit	50 Hz
1768 x 992	8-bit	50 Hz
1768 x 992	8-bit	59 Hz
1768 x 992	8-bit	59 Hz
1768 x 992	8-bit	59 Hz
1768 x 992	8-bit	60 Hz
1768 x 992	8-bit	60 Hz
1768 x 992	8-bit	60 Hz
1768 x 992	16-bit	25 Hz
1768 x 992	16-bit	25 Hz
1768 x 992	16-bit	25 Hz
1768 x 992	16-bit	29 Hz
1768 x 992	16-bit	29 Hz
1768 x 992	16-bit	29 Hz
1768 x 992	16-bit	30 Hz
1768 x 992	16-bit	30 Hz
1768 x 992	16-bit	30 Hz
1768 x 992	16-bit	50 Hz

1768 x 992	16-bit	50 Hz
1768 x 992	16-bit	50 Hz
1768 x 992	16-bit	59 Hz
1768 x 992	16-bit	59 Hz
1768 x 992	16-bit	59 Hz
1768 x 992	16-bit	60 Hz
1768 x 992	16-bit	60 Hz
1768 x 992	16-bit	60 Hz
1768 x 992	32-bit	25 Hz
1768 x 992	32-bit	25 Hz
1768 x 992	32-bit	25 Hz
1768 x 992	32-bit	29 Hz
1768 x 992	32-bit	29 Hz
1768 x 992	32-bit	29 Hz
1768 x 992	32-bit	30 Hz
1768 x 992	32-bit	30 Hz
1768 x 992	32-bit	30 Hz
1768 x 992	32-bit	50 Hz
1768 x 992	32-bit	50 Hz
1768 x 992	32-bit	50 Hz
1768 x 992	32-bit	59 Hz
1768 x 992	32-bit	59 Hz
1768 x 992	32-bit	59 Hz
1768 x 992	32-bit	60 Hz
1768 x 992	32-bit	60 Hz
1768 x 992	32-bit	60 Hz
1920 x 1080	8-bit	25 Hz
1920 x 1080	8-bit	29 Hz
1920 x 1080	8-bit	30 Hz
1920 x 1080	8-bit	50 Hz
1920 x 1080	8-bit	59 Hz
1920 x 1080	8-bit	60 Hz
1920 x 1080	16-bit	25 Hz
1920 x 1080	16-bit	29 Hz
1920 x 1080	16-bit	30 Hz
1920 x 1080	16-bit	50 Hz
1920 x 1080	16-bit	59 Hz
1920 x 1080	16-bit	60 Hz
1920 x 1080	32-bit	25 Hz
1920 x 1080	32-bit	29 Hz
1920 x 1080	32-bit	30 Hz
1920 x 1080	32-bit	50 Hz
1920 x 1080	32-bit	59 Hz
1920 x 1080	32-bit	60 Hz

OpenGL

OpenGL Properties:

Vendor	NVIDIA Corporation
Renderer	GeForce GTX 470/PCI/SSE2
Version	4.1.0

Shading Language Version	4.10 NVIDIA via Cg compiler
OpenGL DLL	6.1.7600.16385(win7_rtm.090713-1255)
Multitexture Texture Units	4
Occlusion Query Counter Bits	32
Sub-Pixel Precision	8-bit
Max Viewport Size	16384 x 16384
Max Cube Map Texture Size	16384 x 16384
Max Rectangle Texture Size	16384 x 16384
Max 3D Texture Size	2048 x 2048 x 2048
Max Anisotropy	16
Max Clipping Planes	8
Max Display-List Nesting Level	64
Max Draw Buffers	8
Max Evaluator Order	8
Max General Register Combiners	8
Max Light Sources	8
Max Pixel Map Table Size	65536
Min / Max Program Texel Offset	-8 / 7
Max Texture Array Layers	2048
Max Texture LOD Bias	15
Max Vertex Array Range Element Size	1048575

OpenGL Compliancy:

OpenGL 1.1	Yes (100%)
OpenGL 1.2	Yes (100%)
OpenGL 1.3	Yes (100%)
OpenGL 1.4	Yes (100%)
OpenGL 1.5	Yes (100%)
OpenGL 2.0	Yes (100%)
OpenGL 2.1	Yes (100%)
OpenGL 3.0	Yes (100%)
OpenGL 3.1	Yes (100%)
OpenGL 3.2	Yes (100%)
OpenGL 3.3	Yes (100%)
OpenGL 4.0	Yes (100%)
OpenGL 4.1	Yes (100%)

Max Stack Depth:

Attribute Stack	16
Client Attribute Stack	16
Modelview Matrix Stack	32
Name Stack	128
Projection Matrix Stack	4
Texture Matrix Stack	10

Draw Range Elements:

Max Index Count	1048576
Max Vertex Count	1048576

Extended Lighting Parameters:

Max Shininess	128
Max Spot Exponent	128

Transform Feedback:

Max Interleaved Components	128
Max Separate Attributes	4
Max Separate Components	4

Framebuffer Object:

Max Color Attachments	8
Max Render Buffer Size	16384 x 16384

Imaging:

Max Color Matrix Stack Depth	2
Max Convolution Width / Height	11 / 11

Vertex Shader:

Max Uniform Vertex Components	4096
Max Varying Floats	60
Max Vertex Texture Image Units	32
Max Combined Texture Image Units	160

Geometry Shader:

Max Geometry Texture Units	32
Max Varying Components	60
Max Geometry Varying Components	124
Max Vertex Varying Components	60
Max Geometry Uniform Components	2048
Max Geometry Output Vertices	1024
Max Geometry Total Output Components	1024

Fragment Shader:

Max Uniform Fragment Components	2048

Vertex Program:

Max Local Parameters	1024
Max Environment Parameters	256
Max Program Matrices	8
Max Program Matrix Stack Depth	1
Max Tracking Matrices	8
Max Tracking Matrix Stack Depth	1
Max Vertex Attributes	16
Max Instructions	16384
Max Native Instructions	16384
Max Temporaries	4096
Max Native Temporaries	4096
Max Parameters	1024
Max Native Parameters	1024
Max Attributes	16
Max Native Attributes	16
Max Address Registers	2
Max Native Address Registers	2

Fragment Program:

Max Local Parameters	512
Max Environment Parameters	256
Max Texture Coordinates	8
Max Texture Image Units	32

Max Instructions	16384
Max Native Instructions	16384
Max Temporaries	4096
Max Native Temporaries	4096
Max Parameters	1024
Max Native Parameters	1024
Max Attributes	16
Max Native Attributes	16
Max Address Registers	1
Max Native Address Registers	1
Max ALU Instructions	16384
Max Native ALU Instructions	16384
Max Texture Instructions	16384
Max Native Texture Instructions	16384
Max Texture Indirections	16384
Max Native Texture Indirections	16384
Max Execution Instructions	16777216
Max Call Stack Depth	32
Max If Statement Depth	64
Max Loop Depth	64
Max Loop Count	16777216

OpenGL Extensions:

GL_3DFX_multisample	Not Supported
GL_3DFX_tbuffer	Not Supported
GL_3DFX_texture_compression_FXT1	Not Supported
GL_3DL_direct_texture_access2	Not Supported
GL_3Dlabs_multisample_transparency_id	Not Supported
GL_3Dlabs_multisample_transparency_range	Not Supported
GL_AMD_conservative_depth	Not Supported
GL_AMD_debug_output	Not Supported
GL_AMD_depth_clamp_separate	Not Supported
GL_AMD_draw_buffers_blend	Not Supported
GL_AMD_name_gen_delete	Not Supported
GL_AMD_performance_monitor	Not Supported
GL_AMD_sample_positions	Not Supported
GL_AMD_seamless_cubemap_per_texture	Not Supported
GL_AMD_shader_stencil_export	Not Supported
GL_AMD_texture_compression_dxt6	Not Supported
GL_AMD_texture_compression_dxt7	Not Supported
GL_AMD_texture_cube_map_array	Not Supported
GL_AMD_texture_texture4	Not Supported
GL_AMD_transform_feedback3_lines_triangles	Not Supported
GL_AMD_vertex_shader_tessellator	Not Supported
GL_AMDX_debug_output	Not Supported
GL_AMDX_name_gen_delete	Not Supported
GL_AMDX_random_access_target	Not Supported
GL_AMDX_vertex_shader_tessellator	Not Supported
GL_APPLE_aux_depth_stencil	Not Supported
GL_APPLE_client_storage	Not Supported
GL_APPLE_element_array	Not Supported
GL_APPLE_fence	Not Supported
GL_APPLE_float_pixels	Not Supported

GL_APPLE_flush_buffer_range	Not Supported
GL_APPLE_flush_render	Not Supported
GL_APPLE_object_purgeable	Not Supported
GL_APPLE_packed_pixel	Not Supported
GL_APPLE_packed_pixels	Not Supported
GL_APPLE_pixel_buffer	Not Supported
GL_APPLE_rgb_422	Not Supported
GL_APPLE_specular_vector	Not Supported
GL_APPLE_texture_range	Not Supported
GL_APPLE_transform_hint	Not Supported
GL_APPLE_vertex_array_object	Not Supported
GL_APPLE_vertex_array_range	Not Supported
GL_APPLE_vertex_program_evaluators	Not Supported
GL_APPLE_ycbcr_422	Not Supported
GL_ARB_blend_func_extended	Supported
GL_ARB_color_buffer_float	Supported
GL_ARB_compatibility	Supported
GL_ARB_copy_buffer	Supported
GL_ARB_debug_output	Not Supported
GL_ARB_depth_buffer_float	Supported
GL_ARB_depth_clamp	Supported
GL_ARB_depth_texture	Supported
GL_ARB_draw_buffers	Supported
GL_ARB_draw_buffers_blend	Supported
GL_ARB_draw_elements_base_vertex	Supported
GL_ARB_draw_indirect	Supported
GL_ARB_draw_instanced	Supported
GL_ARB_ES2_compatibility	Supported
GL_ARB_explicit_attrib_location	Supported
GL_ARB_fragment_coord_conventions	Supported
GL_ARB_fragment_program	Supported
GL_ARB_fragment_program_shadow	Supported
GL_ARB_fragment_shader	Supported
GL_ARB_framebuffer_object	Supported
GL_ARB_framebuffer_sRGB	Supported
GL_ARB_geometry_shader4	Supported
GL_ARB_get_program_binary	Supported
GL_ARB_gpu_shader_fp64	Supported
GL_ARB_gpu_shader5	Supported
GL_ARB_half_float_pixel	Supported
GL_ARB_half_float_vertex	Supported
GL_ARB_imaging	Supported
GL_ARB_instanced_arrays	Supported
GL_ARB_make_current_read	Not Supported
GL_ARB_map_buffer_range	Supported
GL_ARB_matrix_palette	Not Supported
GL_ARB_multisample	Supported
GL_ARB_multitexture	Supported
GL_ARB_occlusion_query	Supported
GL_ARB_occlusion_query2	Supported
GL_ARB_pixel_buffer_object	Supported
GL_ARB_point_parameters	Supported
GL_ARB_point_sprite	Supported
GL_ARB_provoking_vertex	Supported

GL_ARB_robustness	Supported
GL_ARB_sample_shading	Supported
GL_ARB_sampler_objects	Supported
GL_ARB_seamless_cube_map	Supported
GL_ARB_separate_shader_objects	Supported
GL_ARB_shader_atomic_counters	Not Supported
GL_ARB_shader_bit_encoding	Supported
GL_ARB_shader_objects	Supported
GL_ARB_shader_precision	Supported
GL_ARB_shader_stencil_export	Not Supported
GL_ARB_shader_subroutine	Supported
GL_ARB_shader_texture_lod	Not Supported
GL_ARB_shading_language_100	Supported
GL_ARB_shading_language_120	Not Supported
GL_ARB_shading_language_include	Supported
GL_ARB_shadow	Supported
GL_ARB_shadow_ambient	Not Supported
GL_ARB_swap_buffers	Not Supported
GL_ARB_sync	Supported
GL_ARB_tessellation_shader	Supported
GL_ARB_texture_border_clamp	Supported
GL_ARB_texture_buffer_object	Supported
GL_ARB_texture_buffer_object_rgb32	Supported
GL_ARB_texture_compression	Supported
GL_ARB_texture_compression_bptc	Supported
GL_ARB_texture_compression_rgtc	Supported
GL_ARB_texture_cube_map	Supported
GL_ARB_texture_cube_map_array	Supported
GL_ARB_texture_env_add	Supported
GL_ARB_texture_env_combine	Supported
GL_ARB_texture_env_crossbar	Supported
GL_ARB_texture_env_dot3	Supported
GL_ARB_texture_float	Supported
GL_ARB_texture_gather	Supported
GL_ARB_texture_mirrored_repeat	Supported
GL_ARB_texture_multisample	Supported
GL_ARB_texture_non_power_of_two	Supported
GL_ARB_texture_query_lod	Supported
GL_ARB_texture_rectangle	Supported
GL_ARB_texture_rg	Supported
GL_ARB_texture_rgb10_a2ui	Supported
GL_ARB_texture_snorm	Not Supported
GL_ARB_texture_swizzle	Supported
GL_ARB_timer_query	Supported
GL_ARB_transform_feedback2	Supported
GL_ARB_transform_feedback3	Supported
GL_ARB_transpose_matrix	Supported
GL_ARB_uber_buffers	Not Supported
GL_ARB_uber_mem_image	Not Supported
GL_ARB_uber_vertex_array	Not Supported
GL_ARB_uniform_buffer_object	Supported
GL_ARB_vertex_array_bgra	Supported
GL_ARB_vertex_array_object	Supported

GL_ARB_vertex_attrib_64bit	Supported
GL_ARB_vertex_blend	Not Supported
GL_ARB_vertex_buffer_object	Supported
GL_ARB_vertex_program	Supported
GL_ARB_vertex_shader	Supported
GL_ARB_vertex_type_2_10_10_10_rev	Supported
GL_ARB_viewport_array	Supported
GL_ARB_window_pos	Supported
GL_ATI_array_rev_comps_in_4_bytes	Not Supported
GL_ATI_blend_equation_separate	Not Supported
GL_ATI_blend_weighted_minmax	Not Supported
GL_ATI_draw_buffers	Supported
GL_ATI_element_array	Not Supported
GL_ATI_envmap_bumpmap	Not Supported
GL_ATI_fragment_shader	Not Supported
GL_ATI_lock_texture	Not Supported
GL_ATI_map_object_buffer	Not Supported
GL_ATI_meminfo	Not Supported
GL_ATI_pixel_format_float	Not Supported
GL_ATI_pn_triangles	Not Supported
GL_ATI_point_cull_mode	Not Supported
GL_ATI_separate_stencil	Not Supported
GL_ATI_shader_texture_lod	Not Supported
GL_ATI_text_fragment_shader	Not Supported
GL_ATI_texture_compression_3dc	Not Supported
GL_ATI_texture_env_combine3	Not Supported
GL_ATI_texture_float	Supported
GL_ATI_texture_mirror_once	Supported
GL_ATI_vertex_array_object	Not Supported
GL_ATI_vertex_attrib_array_object	Not Supported
GL_ATI_vertex_blend	Not Supported
GL_ATI_vertex_shader	Not Supported
GL_ATI_vertex_streams	Not Supported
GL_ATIX_pn_triangles	Not Supported
GL_ATIX_texture_env_combine3	Not Supported
GL_ATIX_texture_env_route	Not Supported
GL_ATIX_vertex_shader_output_point_size	Not Supported
GL_Autodesk_facet_normal	Not Supported
GL_Autodesk_valid_back_buffer_hint	Not Supported
GL_DIMD_YUV	Not Supported
GL_EXT_422_pixels	Not Supported
GL_EXT_abgr	Supported
GL_EXT_bgra	Supported
GL_EXT_bindable_uniform	Supported
GL_EXT_blend_color	Supported
GL_EXT_blend_equation_separate	Supported
GL_EXT_blend_func_separate	Supported
GL_EXT_blend_logic_op	Not Supported
GL_EXT_blend_minmax	Supported
GL_EXT_blend_subtract	Supported
GL_EXT_Cg_shader	Supported
GL_EXT_clip_volume_hint	Not Supported
GL_EXT_cmyka	Not Supported
GL_EXT_color_matrix	Not Supported

GL_EXT_color_subtable	Not Supported
GL_EXT_color_table	Not Supported
GL_EXT_compiled_vertex_array	Supported
GL_EXT_convolution	Not Supported
GL_EXT_convolution_border_modes	Not Supported
GL_EXT_coordinate_frame	Not Supported
GL_EXT_copy_buffer	Not Supported
GL_EXT_copy_texture	Not Supported
GL_EXT_cull_vertex	Not Supported
GL_EXT_depth_bounds_test	Supported
GL_EXT_depth_buffer_float	Not Supported
GL_EXT_direct_state_access	Supported
GL_EXT_draw_buffers2	Supported
GL_EXT_draw_indirect	Not Supported
GL_EXT_draw_instanced	Supported
GL_EXT_draw_range_elements	Supported
GL_EXT_fog_coord	Supported
GL_EXT_fog_function	Not Supported
GL_EXT_fog_offset	Not Supported
GL_EXT_fragment_lighting	Not Supported
GL_EXT_framebuffer_blit	Supported
GL_EXT_framebuffer_multisample	Supported
GL_EXT_framebuffer_object	Supported
GL_EXT_framebuffer_sRGB	Supported
GL_EXT_generate_mipmap	Not Supported
GL_EXT_geometry_shader4	Supported
GL_EXT_gpu_program_parameters	Supported
GL_EXT_gpu_shader_fp64	Not Supported
GL_EXT_gpu_shader4	Supported
GL_EXT_gpu_shader5	Not Supported
GL_EXT_histogram	Not Supported
GL_EXT_index_array_formats	Not Supported
GL_EXT_index_func	Not Supported
GL_EXT_index_material	Not Supported
GL_EXT_index_texture	Not Supported
GL_EXT_interlace	Not Supported
GL_EXT_light_texture	Not Supported
GL_EXT_misc_attribute	Not Supported
GL_EXT_multi_draw_arrays	Supported
GL_EXT_multisample	Not Supported
GL_EXT_packed_depth_stencil	Supported
GL_EXT_packed_float	Supported
GL_EXT_packed_pixels	Supported
GL_EXT_packed_pixels_12	Not Supported
GL_EXT_paletted_texture	Not Supported
GL_EXT_pixel_buffer_object	Supported
GL_EXT_pixel_format	Not Supported
GL_EXT_pixel_texture	Not Supported
GL_EXT_pixel_transform	Not Supported
GL_EXT_pixel_transform_color_table	Not Supported
GL_EXT_point_parameters	Supported
GL_EXT_polygon_offset	Not Supported
GL_EXT_provoking_vertex	Supported
GL_EXT_rescale_normal	Supported

GL_EXT_scene_marker	Not Supported
GL_EXT_secondary_color	Supported
GL_EXT_separate_shader_objects	Supported
GL_EXT_separate_specular_color	Supported
GL_EXT_shader_atomic_counters	Not Supported
GL_EXT_shader_image_load_store	Supported
GL_EXT_shader_subroutine	Not Supported
GL_EXT_shadow_funcs	Supported
GL_EXT_shared_texture_palette	Not Supported
GL_EXT_stencil_clear_tag	Not Supported
GL_EXT_stencil_two_side	Supported
GL_EXT_stencil_wrap	Supported
GL_EXT_subtexture	Not Supported
GL_EXT_swap_control	Not Supported
GL_EXT_tessellation_shader	Not Supported
GL_EXT_texgen_reflection	Not Supported
GL_EXT_texture	Not Supported
GL_EXT_texture_array	Supported
GL_EXT_texture_border_clamp	Not Supported
GL_EXT_texture_buffer_object	Supported
GL_EXT_texture_buffer_object_rgb32	Not Supported
GL_EXT_texture_color_table	Not Supported
GL_EXT_texture_compression_bptc	Not Supported
GL_EXT_texture_compression_dxt1	Not Supported
GL_EXT_texture_compression_latc	Supported
GL_EXT_texture_compression_rgtc	Supported
GL_EXT_texture_compression_s3tc	Supported
GL_EXT_texture_cube_map	Supported
GL_EXT_texture_edge_clamp	Supported
GL_EXT_texture_env	Not Supported
GL_EXT_texture_env_add	Supported
GL_EXT_texture_env_combine	Supported
GL_EXT_texture_env_dot3	Supported
GL_EXT_texture_filter_anisotropic	Supported
GL_EXT_texture_integer	Supported
GL_EXT_texture_lod	Supported
GL_EXT_texture_lod_bias	Supported
GL_EXT_texture_mirror_clamp	Supported
GL_EXT_texture_object	Supported
GL_EXT_texture_perturb_normal	Not Supported
GL_EXT_texture_rectangle	Not Supported
GL_EXT_texture_shared_exponent	Supported
GL_EXT_texture_snorm	Not Supported
GL_EXT_texture_sRGB	Supported
GL_EXT_texture_swizzle	Supported
GL_EXT_texture3D	Supported
GL_EXT_texture4D	Not Supported
GL_EXT_timer_query	Supported
GL_EXT_transform_feedback	Not Supported
GL_EXT_transform_feedback2	Supported
GL_EXT_transform_feedback3	Not Supported
GL_EXT_vertex_array	Supported
GL_EXT_vertex_array_bgra	Supported
GL_EXT_vertex_attrib_64bit	Supported

GL_EXT_vertex_shader	Not Supported
GL_EXT_vertex_weighting	Not Supported
GL_EXTX_framebuffer_mixed_formats	Supported
GL_EXTX_packed_depth_stencil	Not Supported
GL_FGL_lock_texture	Not Supported
GL_GL2_geometry_shader	Not Supported
GL_GREMEDY_frame_terminator	Not Supported
GL_GREMEDY_string_marker	Not Supported
GL_HP_convolution_border_modes	Not Supported
GL_HP_image_transform	Not Supported
GL_HP_occlusion_test	Not Supported
GL_HP_texture_lighting	Not Supported
GL_I3D_argb	Not Supported
GL_I3D_color_clamp	Not Supported
GL_I3D_interlace_read	Not Supported
GL_IBM_clip_check	Not Supported
GL_IBM_cull_vertex	Not Supported
GL_IBM_load_named_matrix	Not Supported
GL_IBM_multi_draw_arrays	Not Supported
GL_IBM_multimode_draw_arrays	Not Supported
GL_IBM_occlusion_cull	Not Supported
GL_IBM_pixel_filter_hint	Not Supported
GL_IBM_rasterpos_clip	Supported
GL_IBM_rescale_normal	Not Supported
GL_IBM_static_data	Not Supported
GL_IBM_texture_clamp_nodraw	Not Supported
GL_IBM_texture_mirrored_repeat	Supported
GL_IBM_vertex_array_lists	Not Supported
GL_IBM_YCbCr	Not Supported
GL_IMG_read_format	Not Supported
GL_IMG_texture_compression_pvrtc	Not Supported
GL_IMG_texture_env_enhanced_fixed_function	Not Supported
GL_IMG_texture_format_BGRA8888	Not Supported
GL_IMG_user_clip_planes	Not Supported
GL_IMG_vertex_program	Not Supported
GL_INGR_blend_func_separate	Not Supported
GL_INGR_color_clamp	Not Supported
GL_INGR_interlace_read	Not Supported
GL_INGR_multiple_palette	Not Supported
GL_INTEL_parallel_arrays	Not Supported
GL_INTEL_texture_scissor	Not Supported
GL_KTX_buffer_region	Supported
GL_MESA_pack_invert	Not Supported
GL_MESA_program_debug	Not Supported
GL_MESA_resize_buffers	Not Supported
GL_MESA_window_pos	Not Supported
GL_MESA_ycbcr_texture	Not Supported
GL_MESAX_texture_stack	Not Supported
GL_MTX_fragment_shader	Not Supported
GL_MTX_precision_dpi	Not Supported
GL_NV_blend_square	Supported
GL_NV_centroid_sample	Not Supported
GL_NV_conditional_render	Supported
GL_NV_copy_depth_to_color	Supported
GL_NV_copy_image	Supported

GL_NV_depth_buffer_float	Supported
GL_NV_depth_clamp	Supported
GL_NV_depth_range_unclamped	Not Supported
GL_NV_evaluators	Not Supported
GL_NV_explicit_multisample	Supported
GL_NV_fence	Supported
GL_NV_float_buffer	Supported
GL_NV_fog_distance	Supported
GL_NV_fragment_program	Supported
GL_NV_fragment_program_option	Supported
GL_NV_fragment_program2	Supported
GL_NV_fragment_program4	Not Supported
GL_NV_framebuffer_multisample_coverage	Supported
GL_NV_framebuffer_multisample_ex	Not Supported
GL_NV_geometry_program4	Not Supported
GL_NV_geometry_shader4	Supported
GL_NV_gpu_program_fp64	Supported
GL_NV_gpu_program4	Supported
GL_NV_gpu_program4_1	Supported
GL_NV_gpu_program5	Supported
GL_NV_gpu_shader5	Supported
GL_NV_half_float	Supported
GL_NV_light_max_exponent	Supported
GL_NV_multisample_coverage	Supported
GL_NV_multisample_filter_hint	Supported
GL_NV_occlusion_query	Supported
GL_NV_packed_depth_stencil	Supported
GL_NV_parameter_buffer_object	Supported
GL_NV_parameter_buffer_object2	Supported
GL_NV_pixel_buffer_object	Not Supported
GL_NV_pixel_data_range	Supported
GL_NV_point_sprite	Supported
GL_NV_present_video	Not Supported
GL_NV_primitive_restart	Supported
GL_NV_register_combiners	Supported
GL_NV_register_combiners2	Supported
GL_NV_shader_buffer_load	Supported
GL_NV_shader_buffer_store	Not Supported
GL_NV_tessellation_program5	Not Supported
GL_NV_texgen_emboss	Not Supported
GL_NV_texgen_reflection	Supported
GL_NV_texture_barrier	Supported
GL_NV_texture_compression_latc	Not Supported
GL_NV_texture_compression_vtc	Supported
GL_NV_texture_env_combine4	Supported
GL_NV_texture_expand_normal	Supported
GL_NV_texture_multisample	Supported
GL_NV_texture_rectangle	Supported
GL_NV_texture_shader	Supported
GL_NV_texture_shader2	Supported
GL_NV_texture_shader3	Supported
GL_NV_timer_query	Not Supported
GL_NV_transform_feedback	Supported
GL_NV_transform_feedback2	Supported

GL_NV_vdpau_interop	Not Supported
GL_NV_vertex_array_range	Supported
GL_NV_vertex_array_range2	Supported
GL_NV_vertex_attrib_64bit	Not Supported
GL_NV_vertex_attrib_integer_64bit	Supported
GL_NV_vertex_buffer_unified_memory	Supported
GL_NV_vertex_program	Supported
GL_NV_vertex_program1_1	Supported
GL_NV_vertex_program2	Supported
GL_NV_vertex_program2_option	Supported
GL_NV_vertex_program3	Supported
GL_NV_vertex_program4	Not Supported
GL_NVX_conditional_render	Supported
GL_NVX_flush_hold	Not Supported
GL_NVX_gpu_memory_info	Supported
GL_NVX_instanced_arrays	Not Supported
GL_NVX_ycrcb	Not Supported
GL_OES_blend_subtract	Not Supported
GL_OES_byte_coordinates	Not Supported
GL_OES_compressed_paletted_texture	Not Supported
GL_OES_conditional_query	Not Supported
GL_OES_depth24	Not Supported
GL_OES_draw_texture	Not Supported
GL_OES_fixed_point	Not Supported
GL_OES_framebuffer_object	Not Supported
GL_OES_mapbuffer	Not Supported
GL_OES_matrix_get	Not Supported
GL_OES_matrix_palette	Not Supported
GL_OES_point_size_array	Not Supported
GL_OES_point_sprite	Not Supported
GL_OES_query_matrix	Not Supported
GL_OES_read_format	Not Supported
GL_OES_rgb8_rgba8	Not Supported
GL_OES_single_precision	Not Supported
GL_OES_texture_mirrored_repeat	Not Supported
GL_OML_interlace	Not Supported
GL_OML_resample	Not Supported
GL_OML_subsample	Not Supported
GL_PGI_misc_hints	Not Supported
GL_PGI_vertex_hints	Not Supported
GL_REND_screen_coordinates	Not Supported
GL_S3_performance_analyzer	Not Supported
GL_S3_s3tc	Supported
GL_SGI_color_matrix	Not Supported
GL_SGI_color_table	Not Supported
GL_SGI_compiled_vertex_array	Not Supported
GL_SGI_cull_vertex	Not Supported
GL_SGI_index_array_formats	Not Supported
GL_SGI_index_func	Not Supported
GL_SGI_index_material	Not Supported
GL_SGI_index_texture	Not Supported
GL_SGI_make_current_read	Not Supported
GL_SGI_texture_add_env	Not Supported
GL_SGI_texture_color_table	Not Supported

GL_SGI_texture_edge_clamp	Not Supported
GL_SGI_texture_lod	Not Supported
GL_SGIS_color_range	Not Supported
GL_SGIS_detail_texture	Not Supported
GL_SGIS_fog_function	Not Supported
GL_SGIS_generate_mipmap	Supported
GL_SGIS_multisample	Not Supported
GL_SGIS_multitexture	Not Supported
GL_SGIS_pixel_texture	Not Supported
GL_SGIS_point_line_texgen	Not Supported
GL_SGIS_sharpen_texture	Not Supported
GL_SGIS_texture_border_clamp	Not Supported
GL_SGIS_texture_color_mask	Not Supported
GL_SGIS_texture_edge_clamp	Not Supported
GL_SGIS_texture_filter4	Not Supported
GL_SGIS_texture_lod	Supported
GL_SGIS_texture_select	Not Supported
GL_SGIS_texture4D	Not Supported
GL_SGIX_async	Not Supported
GL_SGIX_async_histogram	Not Supported
GL_SGIX_async_pixel	Not Supported
GL_SGIX_blend_alpha_minmax	Not Supported
GL_SGIX_clipmap	Not Supported
GL_SGIX_convolution_accuracy	Not Supported
GL_SGIX_depth_pass_instrument	Not Supported
GL_SGIX_depth_texture	Supported
GL_SGIX_flush_raster	Not Supported
GL_SGIX_fog_offset	Not Supported
GL_SGIX_fog_texture	Not Supported
GL_SGIX_fragment_specular_lighting	Not Supported
GL_SGIX_framezoom	Not Supported
GL_SGIX_instruments	Not Supported
GL_SGIX_interlace	Not Supported
GL_SGIX_ir_instrument1	Not Supported
GL_SGIX_list_priority	Not Supported
GL_SGIX_pbuffer	Not Supported
GL_SGIX_pixel_texture	Not Supported
GL_SGIX_pixel_texture_bits	Not Supported
GL_SGIX_reference_plane	Not Supported
GL_SGIX_resample	Not Supported
GL_SGIX_shadow	Supported
GL_SGIX_shadow_ambient	Not Supported
GL_SGIX_sprite	Not Supported
GL_SGIX_subsample	Not Supported
GL_SGIX_tag_sample_buffer	Not Supported
GL_SGIX_texture_add_env	Not Supported
GL_SGIX_texture_coordinate_clamp	Not Supported
GL_SGIX_texture_lod_bias	Not Supported
GL_SGIX_texture_multi_buffer	Not Supported
GL_SGIX_texture_range	Not Supported
GL_SGIX_texture_scale_bias	Not Supported
GL_SGIX_vertex_preclip	Not Supported
GL_SGIX_vertex_preclip_hint	Not Supported
GL_SGIX_ycrcb	Not Supported

GL_SGIX_ycrcb_subsample	Not Supported
GL_SUN_convolution_border_modes	Not Supported
GL_SUN_global_alpha	Not Supported
GL_SUN_mesh_array	Not Supported
GL_SUN_multi_draw_arrays	Not Supported
GL_SUN_read_video_pixels	Not Supported
GL_SUN_slice_accum	Supported
GL_SUN_triangle_list	Not Supported
GL_SUN_vertex	Not Supported
GL_SUNX_constant_data	Not Supported
GL_WGL_ARB_extensions_string	Not Supported
GL_WGL_EXT_extensions_string	Not Supported
GL_WGL_EXT_swap_control	Not Supported
GL_WIN_phong_shading	Not Supported
GL_WIN_specular_fog	Not Supported
GL_WIN_swap_hint	Supported
GLU_EXT_nurbs_tessellator	Not Supported
GLU_EXT_object_space_tess	Not Supported
GLU_SGI_filter4_parameters	Not Supported
GLX_ARB_create_context	Not Supported
GLX_ARB_fbconfig_float	Not Supported
GLX_ARB_framebuffer_sRGB	Not Supported
GLX_ARB_get_proc_address	Not Supported
GLX_ARB_multisample	Not Supported
GLX_EXT_fbconfig_packed_float	Not Supported
GLX_EXT_framebuffer_sRGB	Not Supported
GLX_EXT_import_context	Not Supported
GLX_EXT_scene_marker	Not Supported
GLX_EXT_texture_from_pixmap	Not Supported
GLX_EXT_visual_info	Not Supported
GLX_EXT_visual_rating	Not Supported
GLX_MESA_agp_offset	Not Supported
GLX_MESA_copy_sub_buffer	Not Supported
GLX_MESA_pixmap_colormap	Not Supported
GLX_MESA_release_buffers	Not Supported
GLX_MESA_set_3dfx_mode	Not Supported
GLX_NV_present_video	Not Supported
GLX_NV_swap_group	Not Supported
GLX_NV_video_output	Not Supported
GLX_OML_swap_method	Not Supported
GLX_OML_sync_control	Not Supported
GLX_SGI_cushion	Not Supported
GLX_SGI_make_current_read	Not Supported
GLX_SGI_swap_control	Not Supported
GLX_SGI_video_sync	Not Supported
GLX_SGIS_blended_overlay	Not Supported
GLX_SGIS_color_range	Not Supported
GLX_SGIS_multisample	Not Supported
GLX_SGIX_dm_buffer	Not Supported
GLX_SGIX_fbconfig	Not Supported
GLX_SGIX_hyperpipe	Not Supported
GLX_SGIX_pbuffer	Not Supported
GLX_SGIX_swap_barrier	Not Supported
GLX_SGIX_swap_group	Not Supported

GLX_SGIX_video_resize	Not Supported
GLX_SGIX_video_source	Not Supported
GLX_SGIX_visual_select_group	Not Supported
GLX_SUN_get_transparent_index	Not Supported
GLX_SUN_video_resize	Not Supported
WGL_3DFX_gamma_control	Not Supported
WGL_3DFX_multisample	Not Supported
WGL_3DL_stereo_control	Not Supported
WGL_AMD_gpu_association	Not Supported
WGL_AMDX_gpu_association	Not Supported
WGL_ARB_buffer_region	Supported
WGL_ARB_create_context	Supported
WGL_ARB_create_context_profile	Supported
WGL_ARB_create_context_robustness	Supported
WGL_ARB_extensions_string	Supported
WGL_ARB_framebuffer_sRGB	Not Supported
WGL_ARB_make_current_read	Supported
WGL_ARB_multisample	Supported
WGL_ARB_pbuffer	Supported
WGL_ARB_pixel_format	Supported
WGL_ARB_pixel_format_float	Supported
WGL_ARB_render_texture	Supported
WGL_ATI_pbuffer_memory_hint	Not Supported
WGL_ATI_pixel_format_float	Supported
WGL_ATI_render_texture_rectangle	Not Supported
WGL_EXT_buffer_region	Not Supported
WGL_EXT_create_context_es2_profile	Supported
WGL_EXT_depth_float	Not Supported
WGL_EXT_display_color_table	Not Supported
WGL_EXT_extensions_string	Supported
WGL_EXT_framebuffer_sRGB	Supported
WGL_EXT_framebuffer_sRGBWGL_ARB_create_context	Not Supported
WGL_EXT_gamma_control	Not Supported
WGL_EXT_make_current_read	Not Supported
WGL_EXT_multisample	Not Supported
WGL_EXT_pbuffer	Not Supported
WGL_EXT_pixel_format	Not Supported
WGL_EXT_pixel_format_packed_float	Supported
WGL_EXT_render_texture	Not Supported
WGL_EXT_swap_control	Supported
WGL_EXT_swap_interval	Not Supported
WGL_I3D_digital_video_control	Not Supported
WGL_I3D_gamma	Not Supported
WGL_I3D_genlock	Not Supported
WGL_I3D_image_buffer	Not Supported
WGL_I3D_swap_frame_lock	Not Supported
WGL_I3D_swap_frame_usage	Not Supported
WGL_MTX_video_preview	Not Supported
WGL_NV_copy_image	Not Supported
WGL_NV_DX_interop	Supported
WGL_NV_float_buffer	Supported
WGL_NV_gpu_affinity	Not Supported
WGL_NV_multisample_coverage	Supported
WGL_NV_present_video	Not Supported

WGL_NV_render_depth_texture	Supported
WGL_NV_render_texture_rectangle	Supported
WGL_NV_swap_group	Not Supported
WGL_NV_vertex_array_range	Not Supported
WGL_NV_video_output	Not Supported
WGL_NVX_DX_interop	Supported
WGL_OML_sync_control	Not Supported

Supported Compressed Texture Formats:

RGB DXT1	Supported
RGBA DXT1	Not Supported
RGBA DXT3	Supported
RGBA DXT5	Supported
RGB FXT1	Not Supported
RGBA FXT1	Not Supported
3Dc	Not Supported

Video Adapter Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

GPGPU

[CUDA: GeForce GTX 470]

Device Properties:

Device Name	GeForce GTX 470
Clock Rate	1250 MHz
Multiprocessors / Cores	14 / 448
Max Threads Per Block	1024
Max Registers Per Block	32768
Warp Size	32 threads
Max Block Size	1024 x 1024 x 64
Max Grid Size	65535 x 65535 x 1
Compute Capability	2.0
CUDA DLL	nvcuda.dll (8.17.12.6658 - nVIDIA ForceWare 266.58)

Memory Properties:

Total Memory	1248 MB
Total Constant Memory	64 KB
Max Shared Memory Per Block	48 KB
Max Memory Pitch	2147483647 bytes
Texture Alignment	512 bytes

Device Features:

32-bit Floating-Point Atomic Addition	Supported
32-bit Integer Atomic Operations	Supported
64-bit Integer Atomic Operations	Supported
Concurrent Memory Copy & Execute	Supported
Double-Precision Floating-Point	Supported

Warp Vote Functions	Supported
__ballot()	Supported
__syncthreads_and()	Supported
__syncthreads_count()	Supported
__syncthreads_or()	Supported
__threadfence_system()	Supported

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

[Direct3D: NVIDIA GeForce GTX 470]

Device Properties:

Device Name	NVIDIA GeForce GTX 470
Driver Name	nvd3dum.dll
Driver Version	8.17.12.6658 - nVIDIA ForceWare 266.58
Shader Model	SM 5.0
Max Threads	1024
Multiple UAV Access	8 UAVs
Thread Dispatch	3D
Thread Local Storage	32 KB

Device Features:

Append/Consume Buffers	Supported
Atomic Operations	Supported
Double-Precision Floating-Point	Supported
Gather4	Supported
Indirect Compute Dispatch	Supported

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

[OpenCL: GeForce GTX 470]

OpenCL Properties:

Platform Name	NVIDIA CUDA
Platform Vendor	NVIDIA Corporation
Platform Version	OpenCL 1.0 CUDA 3.2.1
Platform Profile	Full

Device Properties:

Device Name	GeForce GTX 470
Device Type	GPU
Device Vendor	NVIDIA Corporation
Device Version	OpenCL 1.0 CUDA
Device Profile	Full
Clock Rate	1250 MHz

Multiprocessors	14
Max 2D Image Size	4096 x 32768
Max 3D Image Size	2048 x 2048 x 2048
Max Samplers	16
Max Work-Item Size	1024 x 1024 x 64
Max Work-Group Size	1024
Max Argument Size	4352 bytes
Max Constant Buffer Size	64 KB
Max Constant Arguments	9
Profiling Timer Resolution	1000 ns
OpenCL DLL	opencl.dll (1.0.0)

Memory Properties:

Global Memory	1248 MB
Global Memory Cache	224 KB (Read/Write, 128-byte line)
Local Memory	48 KB
Memory Base Address Alignment	4096-bit
Min Data Type Alignment	128 bytes

Device Features:

Command-Queue Out Of Order Execution	Enabled
Command-Queue Profiling	Enabled
Compiler	Supported
Error Correction	Not Supported
Images	Supported
Kernel Execution	Supported
Native Kernel Execution	Not Supported

Device Extensions:

cl_amd_d3d10_interop	Not Supported
cl_amd_d3d9_interop	Not Supported
cl_amd_device_attribute_query	Not Supported
cl_amd_fp64	Not Supported
cl_amd_media_ops	Not Supported
cl_amd_printf	Not Supported
cl_khr_3d_image_writes	Not Supported
cl_khr_byte_addressable_store	Supported
cl_khr_d3d10_sharing	Supported
cl_khr_fp16	Not Supported
cl_khr_fp64	Supported
cl_khr_gl_sharing	Supported
cl_khr_global_int32_base_atomics	Supported
cl_khr_global_int32_extended_atomics	Supported
cl_khr_icd	Supported
cl_khr_int64_base_atomics	Not Supported
cl_khr_int64_extended_atomics	Not Supported
cl_khr_local_int32_base_atomics	Supported
cl_khr_local_int32_extended_atomics	Supported
cl_khr_select_fprounding_mode	Not Supported
cl_nv_compiler_options	Supported
cl_nv_d3d10_sharing	Supported
cl_nv_d3d11_sharing	Supported
cl_nv_d3d9_sharing	Supported
cl_nv_device_attribute_query	Supported

cl_nv_pragma_unroll	Supported

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

Windows Audio

Device	Identifier	Device Description
midi-out.0	0001 001B	Microsoft GS Wavetable Synth
mixer.0	0001 FFFF	BENQ E2400HD (5- High Definitio
mixer.1	0001 0068	Realtek Digital Output(Optical)
mixer.2	0001 0068	Realtek Digital Output (Realtek
mixer.3	0001 0068	Realtek Digital Input (Realtek
wave-in.0	0001 0065	Realtek Digital Input (Realtek
wave-out.0	0001 FFFF	BENQ E2400HD (5- High Definitio
wave-out.1	0001 0064	Realtek Digital Output(Optical)
wave-out.2	0001 0064	Realtek Digital Output (Realtek

PCI / PnP Audio

Device Description	Type
nVIDIA HDMI @ nVIDIA GF100 - High Definition Audio Controller	PCI
Realtek ALC889 @ Intel 82801JB ICH10 - High Definition Audio Controller	PCI

HD Audio

[Intel 82801JB ICH10 - High Definition Audio Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - High Definition Audio Controller
Device Description (Windows)	High Definition Audio Controller
Bus Type	PCI
Bus / Device / Function	0 / 27 / 0
Device ID	8086-3A3E
Subsystem ID	1458-A102
Revision	00
Hardware ID	PCI\VEN_8086&DEV_3A3E&SUBSYS_A1021458&REV_00

Device Manufacturer:

Company Name	Intel Corporation
Product Information	http://www.intel.com/products/chipsets

Driver Download	http://support.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/bios-updates
Driver Update	http://www.aida64.com/driver-updates

[Realtek ALC889]

Device Properties:

Device Description	Realtek ALC889
Device Description (Windows)	Realtek High Definition Audio
Device Type	Audio
Bus Type	HDAUDIO
Device ID	10EC-0889
Subsystem ID	1458-A022
Revision	1000
Hardware ID	HDAUDIO\FUNC_01&VEN_10EC&DEV_0889&SUBSYS_1458A022&REV_1000

Device Manufacturer:

Company Name	Realtek Semiconductor Corp.
Product Information	http://www.realtek.com.tw/products/productsView.aspx?Langid=1&PNid=8&PFid=14&Level=3&Conn=2
Driver Download	http://www.realtek.com.tw/downloads
Driver Update	http://www.aida64.com/driver-updates

[nVIDIA GF100 - High Definition Audio Controller]

Device Properties:

Device Description	nVIDIA GF100 - High Definition Audio Controller
Device Description (Windows)	High Definition Audio Controller
Bus Type	PCI
Bus / Device / Function	3 / 0 / 1
Device ID	10DE-0BE5
Subsystem ID	3842-1472
Revision	A1
Hardware ID	PCI\VEN_10DE&DEV_0BE5&SUBSYS_14723842&REV_A1

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/mobo.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
BIOS Upgrades	http://www.aida64.com/bios-updates
Driver Update	http://www.aida64.com/driver-updates

[nVIDIA HDMI]

Device Properties:

Device Description	nVIDIA HDMI
Device Description (Windows)	High Definition Audio Device
Device Type	Audio
Bus Type	HDAUDIO
Device ID	10DE-0010

Subsystem ID	10DE-0101
Revision	1001
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/mobo.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

[nVIDIA HDMI]

Device Properties:

Device Description	nVIDIA HDMI
Device Description (Windows)	High Definition Audio Device
Device Type	Audio
Bus Type	HDAUDIO
Device ID	10DE-0010
Subsystem ID	10DE-0101
Revision	1001
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/mobo.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

[nVIDIA HDMI]

Device Properties:

Device Description	nVIDIA HDMI
Device Description (Windows)	High Definition Audio Device
Device Type	Audio
Bus Type	HDAUDIO
Device ID	10DE-0010
Subsystem ID	10DE-0101
Revision	1001
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/mobo.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

[nVIDIA HDMI]

Device Properties:

Device Description	nVIDIA HDMI
Device Description (Windows)	High Definition Audio Device

Device Type	Audio
Bus Type	HDAUDIO
Device ID	10DE-0010
Subsystem ID	10DE-0101
Revision	1001
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001

Device Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/mobo.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

Windows Storage

[Kingston DT 101 G2 USB Device]

Device Properties:

Driver Description	Kingston DT 101 G2 USB Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	disk.inf

Device Manufacturer:

Company Name	Kingston Technology Corporation
Product Information	http://www.kingston.com/ssd/default.asp

[OCZ-VERTEX2 ATA Device]

Device Properties:

Driver Description	OCZ-VERTEX2 ATA Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	disk.inf

SSD Physical Info:

Manufacturer	OCZ
SSD Family	Vertex 2
Form Factor	2.5"
Controller Type	SandForce SF-1222TA3
Flash Memory Type	Intel MLC NAND
Physical Dimensions	99.8 x 69.63 x 9.3 mm
Max. Weight	77 g
Interface	SATA-II
Interface Data Rate	300 MB/s
Buffer Size	0

Device Manufacturer:

Company Name	OCZ Technology Group, Inc.

Product Information	http://www.ocztechnology.com/products/solid_state_drives

[ATA Channel 0]

Device Properties:

Driver Description	ATA Channel 0
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf

[ATA Channel 0]

Device Properties:

Driver Description	ATA Channel 0
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf

Device Resources:

IRQ	14
Port	01F0-01F7
Port	03F6-03F6

[ATA Channel 0]

Device Properties:

Driver Description	ATA Channel 0
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf

[ATA Channel 1]

Device Properties:

Driver Description	ATA Channel 1
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf

[ATA Channel 1]

Device Properties:

Driver Description	ATA Channel 1
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf

Device Resources:

IRQ	15
Port	0170-0177
Port	0376-0376

[ATA Channel 1]

Device Properties:

Driver Description	ATA Channel 1
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf

[Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26]

Device Properties:

Driver Description	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Driver Date	6/4/2009
Driver Version	9.1.1.1013
Driver Provider	Intel
INF File	oem1.inf

Device Resources:

IRQ	19
Port	F100-F10F
Port	F200-F20F
Port	F300-F303
Port	F400-F407
Port	F500-F503
Port	F600-F607

[Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20]

Device Properties:

Driver Description	Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20
Driver Date	6/4/2009
Driver Version	9.1.1.1013
Driver Provider	Intel
INF File	oem1.inf

Device Resources:

Port	F800-F80F
Port	F900-F90F

[Standard Dual Channel PCI IDE Controller]

Device Properties:

Driver Description	Standard Dual Channel PCI IDE Controller
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft

INF File	mshdc.inf

Device Resources:

IRQ	16
Memory	FB9FF000-FB9FF7FF
Port	AB00-AB0F
Port	AC00-AC03
Port	AD00-AD07
Port	AE00-AE03
Port	AF00-AF07

[GIGABYTE GBB36X Controller]

Device Properties:

Driver Description	GIGABYTE GBB36X Controller
Driver Date	9/7/2010
Driver Version	1.17.59.0
Driver Provider	JMicron Technology Corp.
INF File	oem3.inf

Device Resources:

IRQ	17
Memory	FBEFE000-FBEFFFFF
Port	EB00-EB0F
Port	EC00-EC03
Port	ED00-ED07
Port	EE00-EE03
Port	EF00-EF07

[GIGABYTE GBB36X Controller]

Device Properties:

Driver Description	GIGABYTE GBB36X Controller
Driver Date	9/7/2010
Driver Version	1.17.59.0
Driver Provider	JMicron Technology Corp.
INF File	oem3.inf

Device Resources:

IRQ	19
Memory	FBDFE000-FBDFFFFF
Port	DB00-DB0F
Port	DC00-DC03
Port	DD00-DD07
Port	DE00-DE03
Port	DF00-DF07

Logical Drives

Drive	Drive Type	File System	Total Size	Used Space	Free Space	% Free	Volume Serial

C:	Local Disk	NTFS	57138 MB	22005 MB	35133 MB	61 %	4C17-47E5
E: (MULTIBOOT)	Removable Disk	FAT32	3812 MB	2026 MB	1785 MB	47 %	EC25-A049

Physical Drives

[Drive #1 - OCZ-VERTEX2 (55 GB)]

Partition	Partition Type	Drive	Start Offset	Partition Length
#1 (Active)	NTFS		1 MB	100 MB
#2	NTFS	C:	101 MB	57139 MB

[Drive #2 - KingstonDT 101 G2 (3824 MB)]

Partition	Partition Type	Drive	Start Offset	Partition Length
#1 (Active)	FAT32	E:	3 MB	3820 MB

ATA

[OCZ-VERTEX2 (OCZ-B32B91R2P6539KJ7)]

ATA Device Properties:

Model ID	OCZ-VERTEX2
Serial Number	OCZ-B32B91R2P6539KJ7
Revision	1.27
World Wide Name	5-E83A97-F69571DF2
Device Type	SATA-II
Parameters	116301 cylinders, 16 heads, 63 sectors per track, 512 bytes per sector
LBA Sectors	117231408
Buffer	Unknown
Multiple Sectors	16
ECC Bytes	4
Unformatted Capacity	57242 MB
ATA Standard	ATA8-ACS

ATA Device Features:

48-bit LBA	Supported
Advanced Power Management	Not Supported
Automatic Acoustic Management	Not Supported
Device Configuration Overlay	Not Supported
DMA Setup Auto-Activate	Supported, Disabled
General Purpose Logging	Supported
Host Protected Area	Supported, Disabled

In-Order Data Delivery	Not Supported
Native Command Queuing	Supported
Phy Event Counters	Supported
Power Management	Supported, Enabled
Power-Up In Standby	Not Supported
Read Look-Ahead	Supported, Enabled
Release Interrupt	Not Supported
Security Mode	Supported, Disabled
SMART	Supported, Enabled
SMART Error Logging	Supported
SMART Self-Test	Supported
Software Settings Preservation	Supported, Enabled
Streaming	Not Supported
Tagged Command Queuing	Not Supported
Write Cache	Supported, Enabled

SSD Features:

Data Set Management	Supported
Deterministic Read After TRIM	Supported
TRIM Command	Supported

ATA Device Physical Info:

Manufacturer	OCZ
SSD Family	Vertex 2
Form Factor	2.5"
Controller Type	SandForce SF-1222TA3
Flash Memory Type	Intel MLC NAND
Physical Dimensions	99.8 x 69.63 x 9.3 mm
Max. Weight	77 g
Interface	SATA-II
Interface Data Rate	300 MB/s
Buffer Size	0

ATA Device Manufacturer:

Company Name	OCZ Technology Group, Inc.
Product Information	http://www.ocztechnology.com/products/solid_state_drives
Driver Update	http://www.aida64.com/driver-updates

SMART

[OCZ-VERTEX2 (OCZ-B32B91R2P6539KJ7)]

ID	Attribute Description	Threshold	Value	Worst	Data	Status
01	Raw Read Error Rate	50	100	100	3936075	OK: Value is normal
05	Retired Block Count	3	100	100	0	OK: Value is normal
09	Power-On Hours Count	0	100	100	4	OK: Always passes
0C	Device Power Cycle Count	0	100	100	821	OK: Always passes
						OK: Always

AB	Program Fail Count	0	0	0	0	passes
AC	Erase Fail Count	0	0	0	0	OK: Always passes
AE	Unexpected Power Loss Count	0	0	0	806	OK: Always passes
B1	Wear Range Delta	0	0	0	0	OK: Always passes
B5	Program Fail Count	0	0	0	0	OK: Always passes
B6	Erase Fail Count	0	0	0	0	OK: Always passes
BB	Reported Uncorrectable Errors	0	100	100	0	OK: Always passes
C2	Temperature	0	30	129	30, 30, 30	OK: Always passes
C3	On-the-Fly ECC Uncorrectable Error Count	0	100	100	3936075	OK: Always passes
C4	Reallocation Event Count	0	100	100	0	OK: Always passes
E7	Remaining Drive Life	10	100	100	0	OK: Value is normal
E9	<vendor-specific>	0	0	0	0	OK: Always passes
EA	<vendor-specific>	0	0	0	0	OK: Always passes
F1	Lifetime Writes from Host	0	0	0	0	OK: Always passes
F2	Lifetime Reads from Host	0	0	0	0	OK: Always passes

PCI / PnP Network

Device Description	Type
Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter (PHY: Realtek RTL8211/8212)	PCI

DirectX Video

[Primary Display Driver]

DirectDraw Device Properties:

DirectDraw Driver Name	display
DirectDraw Driver Description	Primary Display Driver
Hardware Driver	nvd3dum.dll (8.17.12.6658 - nVIDIA ForceWare 266.58)
Hardware Description	NVIDIA GeForce GTX 470

Direct3D Device Properties:

Total / Free Video Memory	1280 MB / 1177 MB
Rendering Bit Depths	8, 16, 32
Z-Buffer Bit Depths	16, 24, 32
Multisample Anti-Aliasing Modes	MSAA 2x, MSAA 4x, MSAA 8x, CSAA 8x, CSAA 8xQ, CSAA 16x, CSAA 16xQ
Min Texture Size	1 x 1

Max Texture Size	8192 x 8192
Unified Shader Version	5.0
DirectX Hardware Support	DirectX v11.0

Direct3D Device Features:

Additive Texture Blending	Supported
AGP Texturing	Supported
Anisotropic Filtering	Supported
Automatic Mipmap Generation	Supported
Bilinear Filtering	Supported
Compute Shader	Supported
Cubic Environment Mapping	Supported
Cubic Filtering	Not Supported
Decal-Alpha Texture Blending	Supported
Decal Texture Blending	Supported
DirectX Texture Compression	Not Supported
DirectX Volumetric Texture Compression	Not Supported
Dithering	Supported
Dot3 Texture Blending	Supported
Double-Precision Floating-Point	Supported
Driver Concurrent Creates	Supported
Driver Command Lists	Not Supported
Dynamic Textures	Supported
Edge Anti-Aliasing	Supported
Environmental Bump Mapping	Supported
Environmental Bump Mapping + Luminance	Supported
Factor Alpha Blending	Supported
Geometric Hidden-Surface Removal	Not Supported
Geometry Shader	Supported
Guard Band	Supported
Hardware Scene Rasterization	Supported
Hardware Transform & Lighting	Supported
Legacy Depth Bias	Supported
Mipmap LOD Bias Adjustments	Supported
Mipmapped Cube Textures	Supported
Mipmapped Volume Textures	Supported
Modulate-Alpha Texture Blending	Supported
Modulate Texture Blending	Supported
Non-Square Textures	Supported
N-Patches	Not Supported
Perspective Texture Correction	Supported
Point Sampling	Supported
Projective Textures	Supported
Quintic Bezier Curves & B-Splines	Not Supported
Range-Based Fog	Supported
Rectangular & Triangular Patches	Not Supported
Rendering In Windowed Mode	Supported
Scissor Test	Supported
Slope-Scale Based Depth Bias	Supported
Specular Flat Shading	Supported
Specular Gouraud Shading	Supported
Specular Phong Shading	Not Supported

Spherical Mapping	Supported
Stencil Buffers	Supported
Sub-Pixel Accuracy	Supported
Subtractive Texture Blending	Supported
Table Fog	Supported
Texture Alpha Blending	Supported
Texture Clamping	Supported
Texture Mirroring	Supported
Texture Transparency	Supported
Texture Wrapping	Supported
Triangle Culling	Not Supported
Trilinear Filtering	Supported
Two-Sided Stencil Test	Supported
Vertex Alpha Blending	Supported
Vertex Fog	Supported
Vertex Tweening	Not Supported
Volume Textures	Supported
W-Based Fog	Supported
W-Buffering	Not Supported
Z-Based Fog	Supported
Z-Bias	Supported
Z-Test	Supported

Supported FourCC Codes:

3x11	Supported
3x16	Supported
AI44	Supported
AIP8	Supported
ATOC	Supported
AV12	Supported
AYUV	Supported
NV12	Supported
NV24	Supported
NVDB	Supported
NVDP	Supported
NVMD	Supported
PLFF	Supported
SSAA	Supported
UYVY	Supported
YUY2	Supported
YV12	Supported

Video Adapter Manufacturer:

Company Name	NVIDIA Corporation
Product Information	http://www.nvidia.com/page/products.html
Driver Download	http://www.nvidia.com/content/drivers/drivers.asp
Driver Update	http://www.aida64.com/driver-updates

DirectX Sound

[Primary Sound Driver]

DirectSound Device Properties:

Device Description	Primary Sound Driver
Driver Module	
Primary Buffers	1
Min / Max Secondary Buffers Sample Rate	100 / 200000 Hz
Primary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Secondary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Total / Free Sound Buffers	1 / 0
Total / Free Static Sound Buffers	1 / 0
Total / Free Streaming Sound Buffers	1 / 0
Total / Free 3D Sound Buffers	0 / 0
Total / Free 3D Static Sound Buffers	0 / 0
Total / Free 3D Streaming Sound Buffers	0 / 0

DirectSound Device Features:

Certified Driver	No
Emulated Device	No
Precise Sample Rate	Supported
DirectSound3D	Not Supported
Creative EAX 1.0	Not Supported
Creative EAX 2.0	Not Supported
Creative EAX 3.0	Not Supported
Creative EAX 4.0	Not Supported
Creative EAX 5.0	Not Supported
I3DL2	Not Supported
Sensaura ZoomFX	Not Supported

[BENQ E2400HD (5- High Definition Audio Device)]

DirectSound Device Properties:

Device Description	BENQ E2400HD (5- High Definition Audio Device)
Driver Module	{0.0.0.00000000}.{ff2a0675-b2c8-492c-b4ce-6d85490f6152}
Primary Buffers	1
Min / Max Secondary Buffers Sample Rate	100 / 200000 Hz
Primary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Secondary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Total / Free Sound Buffers	1 / 0
Total / Free Static Sound Buffers	1 / 0
Total / Free Streaming Sound Buffers	1 / 0
Total / Free 3D Sound Buffers	0 / 0
Total / Free 3D Static Sound Buffers	0 / 0
Total / Free 3D Streaming Sound Buffers	0 / 0

DirectSound Device Features:

Certified Driver	No
Emulated Device	No
Precise Sample Rate	Supported
DirectSound3D	Not Supported
Creative EAX 1.0	Not Supported

Creative EAX 2.0	Not Supported
Creative EAX 3.0	Not Supported
Creative EAX 4.0	Not Supported
Creative EAX 5.0	Not Supported
I3DL2	Not Supported
Sensaura ZoomFX	Not Supported

[Realtek Digital Output(Optical) (Realtek High Definition Audio)]

DirectSound Device Properties:

Device Description	Realtek Digital Output(Optical) (Realtek High Definition Audio)
Driver Module	{0.0.0.00000000}.{e3e3e718-71a4-492a-a75d-7c5e30608d55}
Primary Buffers	1
Min / Max Secondary Buffers Sample Rate	100 / 200000 Hz
Primary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Secondary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Total / Free Sound Buffers	1 / 0
Total / Free Static Sound Buffers	1 / 0
Total / Free Streaming Sound Buffers	1 / 0
Total / Free 3D Sound Buffers	0 / 0
Total / Free 3D Static Sound Buffers	0 / 0
Total / Free 3D Streaming Sound Buffers	0 / 0

DirectSound Device Features:

Certified Driver	No
Emulated Device	No
Precise Sample Rate	Supported
DirectSound3D	Not Supported
Creative EAX 1.0	Not Supported
Creative EAX 2.0	Not Supported
Creative EAX 3.0	Not Supported
Creative EAX 4.0	Not Supported
Creative EAX 5.0	Not Supported
I3DL2	Not Supported
Sensaura ZoomFX	Not Supported

[Realtek Digital Output (Realtek High Definition Audio)]

DirectSound Device Properties:

Device Description	Realtek Digital Output (Realtek High Definition Audio)
Driver Module	{0.0.0.00000000}.{e4a3020f-aa54-483f-a5e3-89d787ee30ce}
Primary Buffers	1
Min / Max Secondary Buffers Sample Rate	100 / 200000 Hz
Primary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Secondary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Total / Free Sound Buffers	1 / 0
Total / Free Static Sound Buffers	1 / 0
Total / Free Streaming Sound Buffers	1 / 0

Total / Free 3D Sound Buffers	0 / 0
Total / Free 3D Static Sound Buffers	0 / 0
Total / Free 3D Streaming Sound Buffers	0 / 0

DirectSound Device Features:

Certified Driver	No
Emulated Device	No
Precise Sample Rate	Supported
DirectSound3D	Not Supported
Creative EAX 1.0	Not Supported
Creative EAX 2.0	Not Supported
Creative EAX 3.0	Not Supported
Creative EAX 4.0	Not Supported
Creative EAX 5.0	Not Supported
I3DL2	Not Supported
Sensaura ZoomFX	Not Supported

DirectX Input

[Mouse]

DirectInput Device Properties:

Device Description	Mouse
Device Type	Unknown
Device Subtype	Unknown
Axes	3
Buttons/Keys	5

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No
Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

[Keyboard]

DirectInput Device Properties:

Device Description	Keyboard
Device Type	Unknown
Device Subtype	Unknown
Buttons/Keys	128

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No
Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

[Micr]

DirectInput Device Properties:

Device Description	Micr
Device Type	Unknown
Device Subtype	Unknown
Axes	1
Buttons/Keys	1024

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No
Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

[Micr]

DirectInput Device Properties:

Device Description	Micr
Device Type	Unknown
Device Subtype	Unknown

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No
Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

[Micr]

DirectInput Device Properties:

Device Description	Micr
Device Type	Unknown
Device Subtype	Unknown
Buttons/Keys	1280

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No
Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

[Micr]

DirectInput Device Properties:

Device Description	Micr
Device Type	Unknown
Device Subtype	Unknown

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No
Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

[Micr]

DirectInput Device Properties:

Device Description	Micr
Device Type	Unknown
Device Subtype	Unknown
Buttons/Keys	256

DirectInput Device Features:

Emulated Device	Yes
Alias Device	No
Polled Device	No

Polled Data Format	No
Attack Force Feedback	Not Supported
Deadband Force Feedback	Not Supported
Fade Force Feedback	Not Supported
Force Feedback	Not Supported
Saturation Force Feedback	Not Supported
+/- Force Feedback Coefficients	Not Supported
+/- Force Feedback Saturation	Not Supported

Windows Devices

[Devices]

Computer:

ACPI x64-based PC	6.1.7600.16385

Disk drives:

Kingston DT 101 G2 USB Device	6.1.7600.16385
OCZ-VERTEX2 ATA Device	6.1.7600.16385

Display adapters:

NVIDIA GeForce GTX 470	8.17.12.6658

Human Interface Devices:

HID-compliant consumer control device	6.1.7600.16385
HID-compliant consumer control device	6.1.7600.16385
HID-compliant consumer control device	6.1.7600.16385
HID-compliant device	6.1.7600.16385
HID-compliant device	6.1.7600.16385
USB Input Device	6.1.7600.16385
USB Input Device	6.1.7600.16385
USB Input Device	6.1.7600.16385

IDE ATA/ATAPI controllers:

ATA Channel 0	6.1.7600.16385
ATA Channel 0	6.1.7600.16385
ATA Channel 0	6.1.7600.16385
ATA Channel 1	6.1.7600.16385
ATA Channel 1	6.1.7600.16385
ATA Channel 1	6.1.7600.16385
Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26	9.1.1.1013
Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20	9.1.1.1013
Standard Dual Channel	6.1.7600.16385

PCI IDE Controller

IEEE 1394 Bus host controllers:

Texas Instruments 1394 OHCI Compliant Host Controller	6.1.7600.16385

Keyboards:

HID Keyboard Device	6.1.7600.16385

Mice and other pointing devices:

HID-compliant mouse	6.1.7600.16385

Monitors:

Generic PnP Monitor	6.1.7600.16385

Network adapters:

WAN Miniport (IKEv2)	6.1.7600.16385
WAN Miniport (IP)	6.1.7600.16385
WAN Miniport (IPv6)	6.1.7600.16385
WAN Miniport (L2TP)	6.1.7600.16385
WAN Miniport (Network Monitor)	6.1.7600.16385
WAN Miniport (PPPOE)	6.1.7600.16385
WAN Miniport (PPTP)	6.1.7600.16385
WAN Miniport (SSTP)	6.1.7600.16385

Non-Plug and Play Drivers:

Ancillary Function Driver for Winsock

Beep

Bitlocker Drive Encryption Filter Driver

CNG

Common Log (CLFS)

Disk Virtual Machine Bus Acceleration Filter Driver

Dynamic Volume Manager

gdrv

Hardware Policy Driver

HTTP

Kernel Mode Driver Frameworks service

KSecDD

KSecPkg

LDDM Graphics Subsystem

Link-Layer Topology Discovery Mapper I/O Driver

Link-Layer Topology Discovery Responder

Mount Point Manager

msisadrv

NDIS System Driver

NDProxy
NETBT
NetIO Legacy TDI Support Driver
NSI proxy service driver.
Null
Offline Files Driver
PEAUTH
Performance Counters for Windows Driver
QoS Packet Scheduler
RDP Encoder Mirror Driver
RDPCDD
Realtek NDIS Protocol Driver
Reflector Display Driver used to gain access to graphics data
Remote Access IPv6 ARP Driver
Security Driver
Security Processor Loader Driver
Storage volumes
System Attribute Cache
TCP/IP Protocol Driver
TCP/IP Registry Compatibility
User Mode Driver Frameworks Platform Driver
VgaSave
WFP Lightweight Filter
Windows Firewall Authorization Driver

Portable Devices:

MULTIBOOT	6.1.7600.16385

Processors:

Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385
Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz	6.1.7600.16385

Sound, video and game controllers:

High Definition Audio Device	6.1.7600.16385
High Definition Audio Device	6.1.7600.16385
High Definition Audio Device	6.1.7600.16385
High Definition Audio Device	6.1.7600.16385
Realtek High Definition Audio	6.0.1.6194

Storage controllers:

GIGABYTE GBB36X Controller	1.17.59.0
GIGABYTE GBB36X Controller	1.17.59.0

Storage volume shadow copies:

Generic volume shadow copy	6.1.7600.16385
Generic volume shadow copy	6.1.7600.16385
Generic volume shadow copy	6.1.7600.16385
Generic volume shadow copy	6.1.7600.16385
Generic volume shadow copy	6.1.7600.16385

Storage Volumes:

Generic volume	6.1.7600.16385
Generic volume	6.1.7600.16385
Generic volume	6.1.7600.16385

System devices:

ACPI Fixed Feature Button	6.1.7600.16385
ACPI Power Button	6.1.7600.16385
Composite Bus Enumerator	6.1.7600.16385
Direct memory access controller	6.1.7600.16385
File as Volume Driver	6.1.7600.16385
High Definition Audio Controller	6.1.7600.16385
High Definition Audio Controller	6.1.7600.16385
High precision event timer	6.1.7600.16385
Intel(R) 5520/5500/X58 I/O Hub to ESI Port - 3405	9.1.1.1026
Intel(R) 7500/5520/5500 Physical and Link Layer Registers Port 1 - 3427	9.1.1.1026
Intel(R) 7500/5520/5500 Routing and Protocol	9.1.1.1026

Layer Register Port 1 - 3428	
Intel(R) 7500/5520/5500/X58 I/O Hub Control Status and RAS Registers - 3423	9.1.1.1026
Intel(R) 7500/5520/5500/X58 I/O Hub GPIO and Scratch Pad Registers - 3422	9.1.1.1026
Intel(R) 7500/5520/5500/X58 I/O Hub I/OxAPIC Interrupt Controller - 342D	9.1.1.1026
Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 1 - 3408	9.1.1.1026
Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 2 - 3409	9.1.1.1026
Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A	9.1.1.1026
Intel(R) 7500/5520/5500/X58 I/O Hub System Management Registers - 342E	9.1.1.1026
Intel(R) 7500/5520/5500/X58 Physical and Link Layer Registers Port 0 - 3425	9.1.1.1026
Intel(R) 7500/5520/5500/X58 Routing and Protocol Layer Registers Port 0 - 3426	9.1.1.1026
Intel(R) 7500/5520/5500/X58 Trusted Execution Technology Registers - 342F	9.1.1.1026
Intel(R) 82801 PCI Bridge - 244E	6.1.7600.16385
Intel(R) 82802 Firmware Hub Device	6.1.7600.16385
Intel(R) ICH10 Family PCI Express Root Port 1 - 3A40	6.1.7600.16385
Intel(R) ICH10 Family PCI Express Root Port 2 - 3A42	6.1.7600.16385
Intel(R) ICH10 Family PCI Express Root Port 4 - 3A46	6.1.7600.16385
Intel(R) ICH10 Family PCI Express Root Port 5 - 3A48	6.1.7600.16385
Intel(R) ICH10 Family SMBus Controller - 3A30	6.1.7600.16385
Intel(R) ICH10R LPC Interface Controller -	6.1.7600.16385

3A16	
Microsoft ACPI-Compliant System	6.1.7600.16385
Microsoft System Management BIOS Driver	6.1.7600.16385
Microsoft Virtual Drive Enumerator Driver	6.1.7600.16385
Microsoft Windows Management Interface for ACPI	6.1.7600.16385
Motherboard resources	6.1.7600.16385
Motherboard resources	6.1.7600.16385
Motherboard resources	6.1.7600.16385
Numeric data processor	6.1.7600.16385
PCI bus	6.1.7600.16385
Plug and Play Software Device Enumerator	6.1.7600.16385
Programmable interrupt controller	6.1.7600.16385
Remote Desktop Device Redirector Bus	6.1.7600.16385
System board	6.1.7600.16385
System CMOS/real time clock	6.1.7600.16385
System speaker	6.1.7600.16385
System timer	6.1.7600.16385
Terminal Server Keyboard Driver	6.1.7600.16385
Terminal Server Mouse Driver	6.1.7600.16385
UMBus Enumerator	6.1.7600.16385
UMBus Enumerator	6.1.7600.16385
UMBus Root Bus Enumerator	6.1.7600.16385
Volume Manager	6.1.7600.16385

Universal Serial Bus controllers:

Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3A	6.1.7600.16445
Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3C	6.1.7600.16445
Intel(R) ICH10 Family USB Universal Host Controller - 3A34	6.1.7600.16445
Intel(R) ICH10 Family USB Universal Host Controller - 3A35	6.1.7600.16445
Intel(R) ICH10 Family USB Universal Host Controller - 3A36	6.1.7600.16445
Intel(R) ICH10 Family USB Universal Host Controller - 3A37	6.1.7600.16445
Intel(R) ICH10 Family USB Universal Host Controller - 3A38	6.1.7600.16445

Intel(R) ICH10 Family USB Universal Host Controller - 3A39	6.1.7600.16445
Renesas Electronics USB 3.0 Host Controller	2.0.30.0
Renesas Electronics USB 3.0 Root Hub	2.0.30.0
USB Composite Device	6.1.7600.16445
USB Mass Storage Device	6.1.7600.16385
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445
USB Root Hub	6.1.7600.16445

Unknown:

Ethernet Controller

[Computer / ACPI x64-based PC]

Device Properties:

Driver Description	ACPI x64-based PC
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hal.inf
Hardware ID	acpiapic

[Disk drives / Kingston DT 101 G2 USB Device]

Device Properties:

Driver Description	Kingston DT 101 G2 USB Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	disk.inf
Hardware ID	USBSTOR\DiskKingstonDT_101_G2_____PMAP

Device Manufacturer:

Company Name	Kingston Technology Corporation
Product Information	http://www.kingston.com/ssd/default.asp
Driver Update	http://www.aida64.com/driver-updates

[Disk drives / OCZ-VERTEX2 ATA Device]

Device Properties:

Driver Description	OCZ-VERTEX2 ATA Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft

INF File	disk.inf
Hardware ID	IDE\DiskOCZ-VERTEX2_____1.27____
Location Information	Channel 1, Target 0, Lun 0

Device Manufacturer:

Company Name	OCZ Technology Group, Inc.
Product Information	http://www.ocztechnology.com/products/solid_state_drives
Driver Update	http://www.aida64.com/driver-updates

[Display adapters / NVIDIA GeForce GTX 470]

Device Properties:

Driver Description	NVIDIA GeForce GTX 470
Driver Date	1/7/2011
Driver Version	8.17.12.6658
Driver Provider	NVIDIA
INF File	oem12.inf
Hardware ID	PCI\VEN_10DE&DEV_06CD&SUBSYS_14723842&REV_A3
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(3,0,0)
PCI Device	EVGA e-GeForce GTX 470 Video Adapter

Device Resources:

IRQ	16
Memory	000A0000-000BFFFF
Memory	E0000000-E7FFFFFF
Memory	EC000000-EFFFFFFF
Memory	F6000000-F7FFFFFF
Port	03B0-03BB
Port	03C0-03DF
Port	BF00-BF7F

Video Adapter Manufacturer:

Company Name	EVGA Corporation
Product Information	http://www.evga.com/products/default.asp
Driver Download	http://www.evga.com/Support/Drivers/Default.asp
Driver Update	http://www.aida64.com/driver-updates

[Human Interface Devices / HID-compliant consumer control device]

Device Properties:

Driver Description	HID-compliant consumer control device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hidserv.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_01&Col02

[Human Interface Devices / HID-compliant consumer control device]

Device Properties:

Driver Description	HID-compliant consumer control device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hidserv.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_02&Col01

[Human Interface Devices / HID-compliant consumer control device]

Device Properties:

Driver Description	HID-compliant consumer control device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hidserv.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_02&Col02

[Human Interface Devices / HID-compliant device]

Device Properties:

Driver Description	HID-compliant device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	input.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_02&Col04

[Human Interface Devices / HID-compliant device]

Device Properties:

Driver Description	HID-compliant device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	input.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_02&Col03

[Human Interface Devices / USB Input Device]

Device Properties:

Driver Description	USB Input Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	input.inf
Hardware ID	USB\VID_045E&PID_0745&REV_0251&MI_02
Location Information	0000.001a.0000.002.000.000.000.000.000

[Human Interface Devices / USB Input Device]

Device Properties:

Driver Description	USB Input Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	input.inf
Hardware ID	USB\VID_045E&PID_0745&REV_0251&MI_01
Location Information	0000.001a.0000.002.000.000.000.000.000

[Human Interface Devices / USB Input Device]

Device Properties:

Driver Description	USB Input Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	input.inf
Hardware ID	USB\VID_045E&PID_0745&REV_0251&MI_00
Location Information	0000.001a.0000.002.000.000.000.000.000

[IDE ATA/ATAPI controllers / ATA Channel 0]

Device Properties:

Driver Description	ATA Channel 0
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf
Hardware ID	Intel-3a26
Location Information	Channel 0

[IDE ATA/ATAPI controllers / ATA Channel 0]

Device Properties:

Driver Description	ATA Channel 0
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf
Hardware ID	Intel-3a20
Location Information	Channel 0

Device Resources:

IRQ	14
Port	01F0-01F7
Port	03F6-03F6

[IDE ATA/ATAPI controllers / ATA Channel 0]

Device Properties:

Driver Description	ATA Channel 0
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft

INF File	mshdc.inf
Hardware ID	1b4b-91a3
Location Information	Channel 0

[IDE ATA/ATAPI controllers / ATA Channel 1]

Device Properties:

Driver Description	ATA Channel 1
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf
Hardware ID	Intel-3a26
Location Information	Channel 1

[IDE ATA/ATAPI controllers / ATA Channel 1]

Device Properties:

Driver Description	ATA Channel 1
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf
Hardware ID	Intel-3a20
Location Information	Channel 1

Device Resources:

IRQ	15
Port	0170-0177
Port	0376-0376

[IDE ATA/ATAPI controllers / ATA Channel 1]

Device Properties:

Driver Description	ATA Channel 1
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf
Hardware ID	1b4b-91a3
Location Information	Channel 1

[IDE ATA/ATAPI controllers / Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26]

Device Properties:

Driver Description	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Driver Date	6/4/2009
Driver Version	9.1.1.1013
Driver Provider	Intel
INF File	oem1.inf
Hardware ID	PCI\VEN_8086&DEV_3A26&SUBSYS_B0021458&REV_00

Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,31,5)
PCI Device	Intel 82801JB ICH10 - 2-port SATA Controller

Device Resources:

IRQ	19
Port	F100-F10F
Port	F200-F20F
Port	F300-F303
Port	F400-F407
Port	F500-F503
Port	F600-F607

[IDE ATA/ATAPI controllers / Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20]

Device Properties:

Driver Description	Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20
Driver Date	6/4/2009
Driver Version	9.1.1.1013
Driver Provider	Intel
INF File	oem1.inf
Hardware ID	PCI\VEN_8086&DEV_3A20&SUBSYS_B0021458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,31,2)
PCI Device	Intel 82801JB ICH10 - 4-port SATA Controller

Device Resources:

Port	F800-F80F
Port	F900-F90F

[IDE ATA/ATAPI controllers / Standard Dual Channel PCI IDE Controller]

Device Properties:

Driver Description	Standard Dual Channel PCI IDE Controller
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	mshdc.inf
Hardware ID	PCI\VEN_1B4B&DEV_91A3&SUBSYS_B0001458&REV_11
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(1,0,0)
PCI Device	Marvell 88SE9128 SATA 6Gb/s Controller

Device Resources:

IRQ	16
Memory	FB9FF000-FB9FF7FF
Port	AB00-AB0F
Port	AC00-AC03
Port	AD00-AD07
Port	AE00-AE03
Port	AF00-AF07

[IEEE 1394 Bus host controllers / Texas Instruments 1394 OHCI Compliant Host Controller]

Device Properties:

Driver Description	Texas Instruments 1394 OHCI Compliant Host Controller
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	1394.inf
Hardware ID	PCI\VEN_104C&DEV_8024&SUBSYS_10001458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(8,6,0)
PCI Device	Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller

Device Resources:

IRQ	18
Memory	FBAF8000-FBAFBFFF
Memory	FBAFF000-FBAFF7FF

[Keyboards / HID Keyboard Device]

Device Properties:

Driver Description	HID Keyboard Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	keyboard.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_00

[Mice and other pointing devices / HID-compliant mouse]

Device Properties:

Driver Description	HID-compliant mouse
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	msmouse.inf
Hardware ID	HID\VID_045E&PID_0745&REV_0251&MI_01&Col01

[Monitors / Generic PnP Monitor]

Device Properties:

Driver Description	Generic PnP Monitor
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	monitor.inf
Hardware ID	MONITOR\BNQ790E

[Network adapters / WAN Miniport (IKEv2)]

Device Properties:

Driver Description	WAN Miniport (IKEv2)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netavpna.inf
Hardware ID	ms_agilevpnminiport

[Network adapters / WAN Miniport (IP)]

Device Properties:

Driver Description	WAN Miniport (IP)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netrasa.inf
Hardware ID	ms_ndiswanip

[Network adapters / WAN Miniport (IPv6)]

Device Properties:

Driver Description	WAN Miniport (IPv6)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netrasa.inf
Hardware ID	ms_ndiswanipv6

[Network adapters / WAN Miniport (L2TP)]

Device Properties:

Driver Description	WAN Miniport (L2TP)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netrasa.inf
Hardware ID	ms_l2tpminiport

[Network adapters / WAN Miniport (Network Monitor)]

Device Properties:

Driver Description	WAN Miniport (Network Monitor)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netrasa.inf
Hardware ID	ms_ndiswanbh

[Network adapters / WAN Miniport (PPPOE)]

Device Properties:

Driver Description	WAN Miniport (PPPOE)

Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netrasa.inf
Hardware ID	ms_pppoeminiport

[Network adapters / WAN Miniport (PPTP)]

Device Properties:

Driver Description	WAN Miniport (PPTP)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netrasa.inf
Hardware ID	ms_pptpminiport

[Network adapters / WAN Miniport (SSTP)]

Device Properties:

Driver Description	WAN Miniport (SSTP)
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	netsstpa.inf
Hardware ID	ms_sstpminiport

[Non-Plug and Play Drivers / Ancillary Function Driver for Winsock]

Device Properties:

Driver Description	Ancillary Function Driver for Winsock

[Non-Plug and Play Drivers / Beep]

Device Properties:

Driver Description	Beep

[Non-Plug and Play Drivers / Bitlocker Drive Encryption Filter Driver]

Device Properties:

Driver Description	Bitlocker Drive Encryption Filter Driver

[Non-Plug and Play Drivers / CNG]

Device Properties:

Driver Description	CNG

[Non-Plug and Play Drivers / Common Log (CLFS)]

Device Properties:

Driver Description	Common Log (CLFS)

[Non-Plug and Play Drivers / Disk Virtual Machine Bus Acceleration Filter Driver]

Device Properties:

Driver Description	Disk Virtual Machine Bus Acceleration Filter Driver

[Non-Plug and Play Drivers / Dynamic Volume Manager]

Device Properties:

Driver Description	Dynamic Volume Manager

[Non-Plug and Play Drivers / gdrv]

Device Properties:

Driver Description	gdrv

[Non-Plug and Play Drivers / Hardware Policy Driver]

Device Properties:

Driver Description	Hardware Policy Driver

[Non-Plug and Play Drivers / HTTP]

Device Properties:

Driver Description	HTTP

[Non-Plug and Play Drivers / Kernel Mode Driver Frameworks service]

Device Properties:

Driver Description	Kernel Mode Driver Frameworks service

[Non-Plug and Play Drivers / KSecDD]

Device Properties:

Driver Description	KSecDD

[Non-Plug and Play Drivers / KSecPkg]

Device Properties:

Driver Description	KSecPkg

[Non-Plug and Play Drivers / LDDM Graphics Subsystem]

Device Properties:

Driver Description	LDDM Graphics Subsystem

[Non-Plug and Play Drivers / Link-Layer Topology Discovery Mapper I/O Driver]

Device Properties:

Driver Description Link-Layer Topology Discovery Mapper I/O Driver

[Non-Plug and Play Drivers / Link-Layer Topology Discovery Responder]

Device Properties:

Driver Description Link-Layer Topology Discovery Responder

[Non-Plug and Play Drivers / Mount Point Manager]

Device Properties:

Driver Description Mount Point Manager

[Non-Plug and Play Drivers / msisadrv]

Device Properties:

Driver Description msisadrv

[Non-Plug and Play Drivers / NDIS System Driver]

Device Properties:

Driver Description NDIS System Driver

[Non-Plug and Play Drivers / NDProxy]

Device Properties:

Driver Description NDProxy

[Non-Plug and Play Drivers / NETBT]

Device Properties:

Driver Description NETBT

[Non-Plug and Play Drivers / NetIO Legacy TDI Support Driver]

Device Properties:

Driver Description NetIO Legacy TDI Support Driver

[Non-Plug and Play Drivers / NSI proxy service driver.]

Device Properties:

Driver Description NSI proxy service driver.

[Non-Plug and Play Drivers / Null]

Device Properties:

Driver Description Null

[Non-Plug and Play Drivers / Offline Files Driver]

Device Properties:

Driver Description Offline Files Driver

[Non-Plug and Play Drivers / PEAUTH]

Device Properties:

Driver Description PEAUTH

[Non-Plug and Play Drivers / Performance Counters for Windows Driver]

Device Properties:

Driver Description Performance Counters for Windows Driver

[Non-Plug and Play Drivers / QoS Packet Scheduler]

Device Properties:

Driver Description QoS Packet Scheduler

[Non-Plug and Play Drivers / RDP Encoder Mirror Driver]

Device Properties:

Driver Description RDP Encoder Mirror Driver

[Non-Plug and Play Drivers / RDPCDD]

Device Properties:

Driver Description RDPCDD

[Non-Plug and Play Drivers / Realtek NDIS Protocol Driver]

Device Properties:

Driver Description Realtek NDIS Protocol Driver

[Non-Plug and Play Drivers / Reflector Display Driver used to gain access to graphics data]

Device Properties:

Driver Description Reflector Display Driver used to gain access to graphics data

[Non-Plug and Play Drivers / Remote Access IPv6 ARP Driver]

Device Properties:

Driver Description Remote Access IPv6 ARP Driver

[Non-Plug and Play Drivers / Security Driver]

Device Properties:

Driver Description Security Driver

[Non-Plug and Play Drivers / Security Processor Loader Driver]

Device Properties:

Driver Description	Security Processor Loader Driver

[Non-Plug and Play Drivers / Storage volumes]

Device Properties:

Driver Description	Storage volumes

[Non-Plug and Play Drivers / System Attribute Cache]

Device Properties:

Driver Description	System Attribute Cache

[Non-Plug and Play Drivers / TCP/IP Protocol Driver]

Device Properties:

Driver Description	TCP/IP Protocol Driver

[Non-Plug and Play Drivers / TCP/IP Registry Compatibility]

Device Properties:

Driver Description	TCP/IP Registry Compatibility

[Non-Plug and Play Drivers / User Mode Driver Frameworks Platform Driver]

Device Properties:

Driver Description	User Mode Driver Frameworks Platform Driver

[Non-Plug and Play Drivers / VgaSave]

Device Properties:

Driver Description	VgaSave

[Non-Plug and Play Drivers / WFP Lightweight Filter]

Device Properties:

Driver Description	WFP Lightweight Filter

[Non-Plug and Play Drivers / Windows Firewall Authorization Driver]

Device Properties:

Driver Description	Windows Firewall Authorization Driver

[Portable Devices / MULTIBOOT]

Device Properties:

Driver Description	MULTIBOOT
Driver Date	6/21/2006

Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	wpdfs.inf

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Processors / Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	cpu.inf
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_26

[Sound, video and game controllers / High Definition Audio Device]

Device Properties:

Driver Description	High Definition Audio Device
Driver Date	7/13/2009
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hdaudio.inf
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001
Location Information	Internal High Definition Audio Bus

[Sound, video and game controllers / High Definition Audio Device]

Device Properties:

Driver Description	High Definition Audio Device
Driver Date	7/13/2009
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hdaudio.inf
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001
Location Information	Internal High Definition Audio Bus

[Sound, video and game controllers / High Definition Audio Device]

Device Properties:

Driver Description	High Definition Audio Device
Driver Date	7/13/2009
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hdaudio.inf
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001
Location Information	Internal High Definition Audio Bus

[Sound, video and game controllers / High Definition Audio Device]

Device Properties:

Driver Description	High Definition Audio Device
Driver Date	7/13/2009
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hdaudio.inf
Hardware ID	HDAUDIO\FUNC_01&VEN_10DE&DEV_0010&SUBSYS_10DE0101&REV_1001
Location Information	Internal High Definition Audio Bus

[Sound, video and game controllers / Realtek High Definition Audio]

Device Properties:

Driver Description	Realtek High Definition Audio
Driver Date	9/3/2010
Driver Version	6.0.1.6194
Driver Provider	Realtek Semiconductor Corp.
INF File	oem9.inf
Hardware ID	HDAUDIO\FUNC_01&VEN_10EC&DEV_0889&SUBSYS_1458A022&REV_1000
Location Information	Internal High Definition Audio Bus

Device Manufacturer:

Company Name	Realtek Semiconductor Corp.
Product Information	http://www.realtek.com.tw/products/productsView.aspx?Langid=1&PNid=8&PFid=14&Level=3&Conn=2
Driver Download	http://www.realtek.com.tw/downloads
Driver Update	http://www.aida64.com/driver-updates

[Storage controllers / GIGABYTE GBB36X Controller]

Device Properties:

Driver Description	GIGABYTE GBB36X Controller
Driver Date	9/7/2010
Driver Version	1.17.59.0
Driver Provider	JMicron Technology Corp.
INF File	oem3.inf
Hardware ID	PCI\VEN_197B&DEV_2363&SUBSYS_B0001458&REV_02
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(5,0,0)

PCI Device	Gigabyte GBB363 SATA-II RAID Controller

Device Resources:

IRQ	17
Memory	FBEFE000-FBEFFFFF
Port	EB00-EB0F
Port	EC00-EC03
Port	ED00-ED07
Port	EE00-EE03
Port	EF00-EF07

[Storage controllers / GIGABYTE GBB36X Controller]

Device Properties:

Driver Description	GIGABYTE GBB36X Controller
Driver Date	9/7/2010
Driver Version	1.17.59.0
Driver Provider	JMicron Technology Corp.
INF File	oem3.inf
Hardware ID	PCI\VEN_197B&DEV_2363&SUBSYS_B0001458&REV_03
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(6,0,0)
PCI Device	Gigabyte GBB363 SATA-II RAID Controller

Device Resources:

IRQ	19
Memory	FBDFE000-FBDFFFFF
Port	DB00-DB0F
Port	DC00-DC03
Port	DD00-DD07
Port	DE00-DE03
Port	DF00-DF07

[Storage volume shadow copies / Generic volume shadow copy]

Device Properties:

Driver Description	Generic volume shadow copy
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volsnap.inf
Hardware ID	STORAGE\VolumeSnapshot

[Storage volume shadow copies / Generic volume shadow copy]

Device Properties:

Driver Description	Generic volume shadow copy
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volsnap.inf
Hardware ID	STORAGE\VolumeSnapshot

[Storage volume shadow copies / Generic volume shadow copy]

Device Properties:

Driver Description	Generic volume shadow copy
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volsnap.inf
Hardware ID	STORAGE\VolumeSnapshot

[Storage volume shadow copies / Generic volume shadow copy]

Device Properties:

Driver Description	Generic volume shadow copy
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volsnap.inf
Hardware ID	STORAGE\VolumeSnapshot

[Storage volume shadow copies / Generic volume shadow copy]

Device Properties:

Driver Description	Generic volume shadow copy
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volsnap.inf
Hardware ID	STORAGE\VolumeSnapshot

[Storage Volumes / Generic volume]

Device Properties:

Driver Description	Generic volume
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volume.inf
Hardware ID	STORAGE\Volume

[Storage Volumes / Generic volume]

Device Properties:

Driver Description	Generic volume
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volume.inf
Hardware ID	STORAGE\Volume

[Storage Volumes / Generic volume]

Device Properties:

Driver Description	Generic volume
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	volume.inf
Hardware ID	STORAGE\Volume

[System devices / ACPI Fixed Feature Button]

Device Properties:

Driver Description	ACPI Fixed Feature Button
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\FixedButton

[System devices / ACPI Power Button]

Device Properties:

Driver Description	ACPI Power Button
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0C0C
PnP Device	Power Button

[System devices / Composite Bus Enumerator]

Device Properties:

Driver Description	Composite Bus Enumerator
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	compositebus.inf
Hardware ID	ROOT\CompositeBus

[System devices / Direct memory access controller]

Device Properties:

Driver Description	Direct memory access controller
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0200
PnP Device	DMA Controller

Device Resources:

DMA	04
Port	0000-000F

Port	0080-0090
Port	0094-009F
Port	00C0-00DF

[System devices / File as Volume Driver]

Device Properties:

Driver Description	File as Volume Driver
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	blbdrive.inf
Hardware ID	ROOT\BLBDRIVE

[System devices / High Definition Audio Controller]

Device Properties:

Driver Description	High Definition Audio Controller
Driver Date	7/13/2009
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hdaudbus.inf
Hardware ID	PCI\VEN_8086&DEV_3A3E&SUBSYS_A1021458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,27,0)
PCI Device	Intel 82801JB ICH10 - High Definition Audio Controller

Device Resources:

IRQ	22
Memory	FBFF8000-FBFFBFFF

[System devices / High Definition Audio Controller]

Device Properties:

Driver Description	High Definition Audio Controller
Driver Date	7/13/2009
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	hdaudbus.inf
Hardware ID	PCI\VEN_10DE&DEV_0BE5&SUBSYS_14723842&REV_A1
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(3,0,1)
PCI Device	nVIDIA GF100 - High Definition Audio Controller

Device Resources:

IRQ	17
Memory	F9FFC000-F9FFFFFF

[System devices / High precision event timer]

Device Properties:

Driver Description	High precision event timer
Driver Date	6/21/2006
Driver Version	6.1.7600.16385

Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0103
PnP Device	High Precision Event Timer

Device Resources:

IRQ	00
IRQ	08
Memory	FED00000-FED003FF

[System devices / Intel(R) 5520/5500/X58 I/O Hub to ESI Port - 3405]

Device Properties:

Driver Description	Intel(R) 5520/5500/X58 I/O Hub to ESI Port - 3405
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3405&SUBSYS_50001458&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,0,0)
PCI Device	Intel X58 Chipset - ESI Port [B-3]

[System devices / Intel(R) 7500/5520/5500 Physical and Link Layer Registers Port 1 - 3427]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500 Physical and Link Layer Registers Port 1 - 3427
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3427&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,17,0)
PCI Device	Intel Tylersburg Chipset - CSI Port 1 [B-3]

[System devices / Intel(R) 7500/5520/5500 Routing and Protocol Layer Register Port 1 - 3428]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500 Routing and Protocol Layer Register Port 1 - 3428
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3428&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,17,1)
PCI Device	Intel Tylersburg Chipset - CSI Port 1 [B-3]

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub Control Status and RAS Registers - 3423]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub Control Status and RAS Registers - 3423
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3423&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,20,2)
PCI Device	Intel Tylersburg Chipset - IOH Control/Status and RAS Registers [B-3]

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub GPIO and Scratch Pad Registers - 3422]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub GPIO and Scratch Pad Registers - 3422
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3422&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,20,1)
PCI Device	Intel Tylersburg Chipset - Scratchpad/GPIO Registers [B-3]

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub I/OxAPIC Interrupt Controller - 342D]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub I/OxAPIC Interrupt Controller - 342D
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_342D&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,19,0)
PCI Device	Intel Tylersburg Chipset - I/OxAPIC Interrupt Controller [B-3]

Device Resources:

Memory	FBFFF000-FBFFFFFF

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 1 - 3408]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 1 - 3408
Driver Date	2/8/2010

Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3408&SUBSYS_50011458&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,1,0)
PCI Device	Intel Tylersburg Chipset - PCI Express Root Port 1 (x4/x2) [B-3]

Device Resources:

IRQ	16
Memory	FB900000-FB9FFFFF
Port	A000-AFFF

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 2 - 3409]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 2 - 3409
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3409&SUBSYS_50011458&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,2,0)
PCI Device	Intel Tylersburg Chipset - PCI Express Root Port 2 (x2) [B-3]

Device Resources:

IRQ	16
Memory	FBB00000-FBBFFFFF

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_340A&SUBSYS_50011458&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,3,0)
PCI Device	Intel Tylersburg Chipset - PCI Express Root Port 3 (x16/x8/x4) [B-3]

Device Resources:

IRQ	16
Memory	000A0000-000BFFFF
Memory	E0000000-EFFFFFFF
Memory	F6000000-F9FFFFFF
Port	03B0-03BB
Port	03C0-03DF
Port	B000-BFFF

[System devices / Intel(R) 7500/5520/5500/X58 I/O Hub System Management Registers - 342E]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 I/O Hub System Management Registers - 342E
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_342E&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,20,0)
PCI Device	Intel Tylersburg Chipset - System Management Registers [B-3]

[System devices / Intel(R) 7500/5520/5500/X58 Physical and Link Layer Registers Port 0 - 3425]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 Physical and Link Layer Registers Port 0 - 3425
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3425&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,16,0)
PCI Device	Intel Tylersburg Chipset - CSI Port 0 [B-3]

[System devices / Intel(R) 7500/5520/5500/X58 Routing and Protocol Layer Registers Port 0 - 3426]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 Routing and Protocol Layer Registers Port 0 - 3426
Driver Date	2/8/2010
Driver Version	9.1.1.1026
Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_3426&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,16,1)
PCI Device	Intel Tylersburg Chipset - CSI Port 0 [B-3]

[System devices / Intel(R) 7500/5520/5500/X58 Trusted Execution Technology Registers - 342F]

Device Properties:

Driver Description	Intel(R) 7500/5520/5500/X58 Trusted Execution Technology Registers - 342F
Driver Date	2/8/2010
Driver Version	9.1.1.1026

Driver Provider	Intel
INF File	oem2.inf
Hardware ID	PCI\VEN_8086&DEV_342F&SUBSYS_00000000&REV_13
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,21,0)
PCI Device	Intel Tylersburg Chipset - Trusted Execution Technology Registers [B-3]

[System devices / Intel(R) 82801 PCI Bridge - 244E]

Device Properties:

Driver Description	Intel(R) 82801 PCI Bridge - 244E
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_244E&SUBSYS_50001458&REV_90
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,30,0)
PCI Device	Intel 82801JB I/O Controller Hub 10 (ICH10) [A-0]

Device Resources:

Memory	FBA00000-FBAFFFFF

[System devices / Intel(R) 82802 Firmware Hub Device]

Device Properties:

Driver Description	Intel(R) 82802 Firmware Hub Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\INT0800
PnP Device	Intel Flash EEPROM

Device Resources:

Memory	FFB80000-FFBFFFFF

[System devices / Intel(R) ICH10 Family PCI Express Root Port 1 - 3A40]

Device Properties:

Driver Description	Intel(R) ICH10 Family PCI Express Root Port 1 - 3A40
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_3A40&SUBSYS_50011458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,28,0)
PCI Device	Intel 82801JB ICH10 - PCI Express Root Port 1

Device Resources:

IRQ	16

[System devices / Intel(R) ICH10 Family PCI Express Root Port 2 - 3A42]

Device Properties:

Driver Description	Intel(R) ICH10 Family PCI Express Root Port 2 - 3A42
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_3A42&SUBSYS_50011458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,28,1)
PCI Device	Intel 82801JB ICH10 - PCI Express Root Port 2

Device Resources:

IRQ	17
Memory	FBE00000-FBEFFFFF
Port	E000-EFFF

[System devices / Intel(R) ICH10 Family PCI Express Root Port 4 - 3A46]

Device Properties:

Driver Description	Intel(R) ICH10 Family PCI Express Root Port 4 - 3A46
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_3A46&SUBSYS_50011458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,28,3)
PCI Device	Intel 82801JB ICH10 - PCI Express Root Port 4

Device Resources:

IRQ	19
Memory	FBD00000-FBDFFFFF
Port	D000-DFFF

[System devices / Intel(R) ICH10 Family PCI Express Root Port 5 - 3A48]

Device Properties:

Driver Description	Intel(R) ICH10 Family PCI Express Root Port 5 - 3A48
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_3A48&SUBSYS_50011458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,28,4)
PCI Device	Intel 82801JB ICH10 - PCI Express Root Port 5

Device Resources:

IRQ	16
Memory	FBC00000-FBCFFFFF
Port	C000-CFFF

[System devices / Intel(R) ICH10 Family SMBus Controller - 3A30]

Device Properties:

Driver Description	Intel(R) ICH10 Family SMBus Controller - 3A30
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_3A30&SUBSYS_50011458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,31,3)
PCI Device	Intel 82801JB ICH10 - SMBus Controller

Device Resources:

IRQ	07
Memory	FBFFC000-FBFFC0FF
Port	0500-051F

[System devices / Intel(R) ICH10R LPC Interface Controller - 3A16]

Device Properties:

Driver Description	Intel(R) ICH10R LPC Interface Controller - 3A16
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	PCI\VEN_8086&DEV_3A16&SUBSYS_50011458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,31,0)
PCI Device	Intel 82801JB ICH10R - LPC Bridge

[System devices / Microsoft ACPI-Compliant System]

Device Properties:

Driver Description	Microsoft ACPI-Compliant System
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	acpi.inf
Hardware ID	ACPI_HAL\PNP0C08
PnP Device	ACPI Driver/BIOS

Device Resources:

IRQ	100
IRQ	101
IRQ	102
IRQ	103
IRQ	104

IRQ	105
IRQ	106
IRQ	107
IRQ	108
IRQ	109
IRQ	110
IRQ	111
IRQ	112
IRQ	113
IRQ	114
IRQ	115
IRQ	116
IRQ	117
IRQ	118
IRQ	119
IRQ	120
IRQ	121
IRQ	122
IRQ	123
IRQ	124
IRQ	125
IRQ	126
IRQ	127
IRQ	128
IRQ	129
IRQ	130
IRQ	131
IRQ	132
IRQ	133
IRQ	134
IRQ	135
IRQ	136
IRQ	137
IRQ	138
IRQ	139
IRQ	140
IRQ	141
IRQ	142
IRQ	143
IRQ	144
IRQ	145
IRQ	146
IRQ	147
IRQ	148
IRQ	149
IRQ	150
IRQ	151
IRQ	152
IRQ	153
IRQ	154
IRQ	155
IRQ	156
IRQ	157
IRQ	158

IRQ	159
IRQ	160
IRQ	161
IRQ	162
IRQ	163
IRQ	164
IRQ	165
IRQ	166
IRQ	167
IRQ	168
IRQ	169
IRQ	170
IRQ	171
IRQ	172
IRQ	173
IRQ	174
IRQ	175
IRQ	176
IRQ	177
IRQ	178
IRQ	179
IRQ	180
IRQ	181
IRQ	182
IRQ	183
IRQ	184
IRQ	185
IRQ	186
IRQ	187
IRQ	188
IRQ	189
IRQ	190
IRQ	81
IRQ	82
IRQ	83
IRQ	84
IRQ	85
IRQ	86
IRQ	87
IRQ	88
IRQ	89
IRQ	90
IRQ	91
IRQ	92
IRQ	93
IRQ	94
IRQ	95
IRQ	96
IRQ	97
IRQ	98
IRQ	99

[System devices / Microsoft System Management BIOS Driver]

Device Properties:

Driver Description	Microsoft System Management BIOS Driver
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ROOT\mssmbios

[System devices / Microsoft Virtual Drive Enumerator Driver]

Device Properties:

Driver Description	Microsoft Virtual Drive Enumerator Driver
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ROOT\vdrvroot

[System devices / Microsoft Windows Management Interface for ACPI]

Device Properties:

Driver Description	Microsoft Windows Management Interface for ACPI
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	acpi.inf
Hardware ID	ACPI\pnp0c14
PnP Device	ACPI Management Interface

[System devices / Motherboard resources]

Device Properties:

Driver Description	Motherboard resources
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0C02
PnP Device	Thermal Monitoring ACPI Device

Device Resources:

Memory	F0000000-F3FFFFFF

[System devices / Motherboard resources]

Device Properties:

Driver Description	Motherboard resources
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf

Hardware ID	ACPI\PNP0C02
PnP Device	Thermal Monitoring ACPI Device

Device Resources:

Port	0010-001F
Port	0022-003F
Port	0044-005F
Port	0062-0063
Port	0065-006F
Port	0074-007F
Port	0091-0093
Port	00A2-00BF
Port	00E0-00EF
Port	0290-0294
Port	0290-029F
Port	04D0-04D1
Port	0800-087F
Port	0880-088F

[System devices / Motherboard resources]

Device Properties:

Driver Description	Motherboard resources
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0C02
PnP Device	Thermal Monitoring ACPI Device

Device Resources:

Port	0400-04CF
Port	04D2-04FF

[System devices / Numeric data processor]

Device Properties:

Driver Description	Numeric data processor
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0C04
PnP Device	Numeric Data Processor

Device Resources:

IRQ	13
Port	00F0-00FF

[System devices / PCI bus]

Device Properties:

Driver Description	PCI bus

Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0A03
PnP Device	PCI Bus

Device Resources:

Memory	000A0000-000BFFFF
Memory	000C0000-000DFFFF
Memory	DFEF0000-FEBFFFFF
Port	0000-0CF7
Port	0D00-FFFF

[System devices / Plug and Play Software Device Enumerator]

Device Properties:

Driver Description	Plug and Play Software Device Enumerator
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	root\swenum

[System devices / Programmable interrupt controller]

Device Properties:

Driver Description	Programmable interrupt controller
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0000
PnP Device	Programmable Interrupt Controller

Device Resources:

Port	0020-0021
Port	00A0-00A1

[System devices / Remote Desktop Device Redirector Bus]

Device Properties:

Driver Description	Remote Desktop Device Redirector Bus
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	rdpbus.inf
Hardware ID	ROOT\RDPBUS

[System devices / System board]

Device Properties:

Driver Description	System board

Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0C01
PnP Device	System Board Extension

Device Resources:

Memory	00000000-0009FFFF
Memory	000CDA00-000CFFFF
Memory	000E0000-000EFFFF
Memory	000F0000-000F7FFF
Memory	000F8000-000FBFFF
Memory	000FC000-000FFFFF
Memory	00100000-DFECFFFF
Memory	DFED0000-DFEDFFFF
Memory	DFEE0000-DFEFFFFF
Memory	FEC00000-FEC00FFF
Memory	FED10000-FED1DFFF
Memory	FED20000-FED8FFFF
Memory	FEE00000-FEE00FFF
Memory	FFB00000-FFB7FFFF
Memory	FFF00000-FFFFFFFF

[System devices / System CMOS/real time clock]

Device Properties:

Driver Description	System CMOS/real time clock
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0B00
PnP Device	Real-Time Clock

Device Resources:

Port	0070-0073

[System devices / System speaker]

Device Properties:

Driver Description	System speaker
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0800
PnP Device	PC Speaker

Device Resources:

Port	0061-0061

[System devices / System timer]

Device Properties:

Driver Description	System timer
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ACPI\PNP0100
PnP Device	System Timer

Device Resources:

Port	0040-0043

[System devices / Terminal Server Keyboard Driver]

Device Properties:

Driver Description	Terminal Server Keyboard Driver
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ROOT\RDP_KBD

[System devices / Terminal Server Mouse Driver]

Device Properties:

Driver Description	Terminal Server Mouse Driver
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ROOT\RDP_MOU

[System devices / UMBus Enumerator]

Device Properties:

Driver Description	UMBus Enumerator
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	umbus.inf
Hardware ID	UMB\UMBUS

[System devices / UMBus Enumerator]

Device Properties:

Driver Description	UMBus Enumerator
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	umbus.inf
Hardware ID	UMB\UMBUS

[System devices / UMBus Root Bus Enumerator]

Device Properties:

Driver Description	UMBus Root Bus Enumerator
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	umbus.inf
Hardware ID	root\umbus

[System devices / Volume Manager]

Device Properties:

Driver Description	Volume Manager
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	machine.inf
Hardware ID	ROOT\VOLMGR

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3A]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3A
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A3A&SUBSYS_50061458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,29,7)
PCI Device	Intel 82801JB ICH10 - USB2 Enhanced Host Controller

Device Resources:

IRQ	23
Memory	FBFFD000-FBFFD3FF

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3C]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3C
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A3C&SUBSYS_50061458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,26,7)
PCI Device	Intel 82801JB ICH10 - USB2 Enhanced Host Controller

Device Resources:

IRQ	18
Memory	FBFFE000-FBFFE3FF

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Universal Host Controller - 3A34]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Universal Host Controller - 3A34
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A34&SUBSYS_50041458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,29,0)
PCI Device	Intel 82801JB ICH10 - USB Universal Host Controller

Device Resources:

IRQ	23
Port	FC00-FC1F

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Universal Host Controller - 3A35]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Universal Host Controller - 3A35
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A35&SUBSYS_50041458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,29,1)
PCI Device	Intel 82801JB ICH10 - USB Universal Host Controller

Device Resources:

IRQ	19
Port	FB00-FB1F

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Universal Host Controller - 3A36]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Universal Host Controller - 3A36
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A36&SUBSYS_50041458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,29,2)
PCI Device	Intel 82801JB ICH10 - USB Universal Host Controller

Device Resources:

IRQ	18
Port	FA00-FA1F

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Universal Host Controller - 3A37]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Universal Host Controller - 3A37
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A37&SUBSYS_50041458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,26,0)
PCI Device	Intel 82801JB ICH10 - USB Universal Host Controller

Device Resources:

IRQ	16
Port	FF00-FF1F

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Universal Host Controller - 3A38]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Universal Host Controller - 3A38
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A38&SUBSYS_50041458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,26,1)
PCI Device	Intel 82801JB ICH10 - USB Universal Host Controller

Device Resources:

IRQ	21
Port	FE00-FE1F

[Universal Serial Bus controllers / Intel(R) ICH10 Family USB Universal Host Controller - 3A39]

Device Properties:

Driver Description	Intel(R) ICH10 Family USB Universal Host Controller - 3A39
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	PCI\VEN_8086&DEV_3A39&SUBSYS_50041458&REV_00
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(0,26,2)
PCI Device	Intel 82801JB ICH10 - USB Universal Host Controller

Device Resources:

IRQ	18
Port	FD00-FD1F

[Universal Serial Bus controllers / Renesas Electronics USB 3.0 Host Controller]

Device Properties:

Driver Description	Renesas Electronics USB 3.0 Host Controller
Driver Date	11/19/2010
Driver Version	2.0.30.0
Driver Provider	Renesas Electronics
INF File	oem10.inf
Hardware ID	PCI\VEN_1033&DEV_0194&SUBSYS_50071458&REV_03
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(2,0,0)
PCI Device	NEC uPD720200 USB 3.0 Host Controller

Device Resources:

IRQ	65536
IRQ	65536
IRQ	65536
IRQ	65536
IRQ	65536
IRQ	65536
IRQ	65536
IRQ	65536
Memory	FBBFE000-FBBFFFFF

[Universal Serial Bus controllers / Renesas Electronics USB 3.0 Root Hub]

Device Properties:

Driver Description	Renesas Electronics USB 3.0 Root Hub
Driver Date	11/19/2010
Driver Version	2.0.30.0
Driver Provider	Renesas Electronics
INF File	oem11.inf
Hardware ID	NUSB3\ROOT_HUB30

[Universal Serial Bus controllers / USB Composite Device]

Device Properties:

Driver Description	USB Composite Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usb.inf
Hardware ID	USB\VID_045E&PID_0745&REV_0251
Location Information	Port_#0002.Hub_#0001

[Universal Serial Bus controllers / USB Mass Storage Device]

Device Properties:

Driver Description	USB Mass Storage Device
Driver Date	6/21/2006
Driver Version	6.1.7600.16385
Driver Provider	Microsoft
INF File	usbstor.inf
Hardware ID	USB\VID_0951&PID_1642&REV_0100
Location Information	Port_#0001.Hub_#0004

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB&VID8086&PID3A38&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB&VID8086&PID3A37&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB&VID8086&PID3A39&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB&VID8086&PID3A36&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB20&VID8086&PID3A3A&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB20&VID8086&PID3A3C&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB&VID8086&PID3A35&REV0000

[Universal Serial Bus controllers / USB Root Hub]

Device Properties:

Driver Description	USB Root Hub
Driver Date	6/21/2006
Driver Version	6.1.7600.16445
Driver Provider	Microsoft
INF File	usbport.inf
Hardware ID	USB\ROOT_HUB&VID8086&PID3A34&REV0000

[Unknown / Ethernet Controller]

Device Properties:

Driver Description	Ethernet Controller
Hardware ID	PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_06
Location Information	@system32\DRIVERS\pci.sys,#65536;PCI bus %1, device %2, function %3;(7,0,0)
PCI Device	Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter

Device Resources:

IRQ	10
Memory	FBCF8000-FBCFBFFF
Memory	FBCFF000-FBCFFFFF
Port	CE00-CEFF

Physical Devices

PCI Devices:

Bus 3, Device 0, Function 0	EVGA e-GeForce GTX 470 Video Adapter
Bus 5, Device 0, Function 0	Gigabyte GBB363 SATA-II RAID Controller
Bus 6, Device 0, Function 0	Gigabyte GBB363 SATA-II RAID Controller
Bus 0, Device 30, Function 0	Intel 82801JB I/O Controller Hub 10 (ICH10) [A-0]
Bus 0, Device 31, Function 5	Intel 82801JB ICH10 - 2-port SATA Controller
Bus 0, Device 31, Function 2	Intel 82801JB ICH10 - 4-port SATA Controller
Bus 0, Device 27, Function 0	Intel 82801JB ICH10 - High Definition Audio Controller
Bus 0, Device 28, Function 0	Intel 82801JB ICH10 - PCI Express Root Port 1
Bus 0, Device 28, Function 1	Intel 82801JB ICH10 - PCI Express Root Port 2
Bus 0, Device 28, Function 3	Intel 82801JB ICH10 - PCI Express Root Port 4
Bus 0, Device 28, Function 4	Intel 82801JB ICH10 - PCI Express Root Port 5
Bus 0, Device 31, Function 3	Intel 82801JB ICH10 - SMBus Controller
Bus 0, Device 26, Function 0	Intel 82801JB ICH10 - USB Universal Host Controller
Bus 0, Device 26, Function 1	Intel 82801JB ICH10 - USB Universal Host Controller
Bus 0, Device 26, Function 2	Intel 82801JB ICH10 - USB Universal Host Controller
Bus 0, Device 29, Function 0	Intel 82801JB ICH10 - USB Universal Host Controller
Bus 0, Device 29, Function 1	Intel 82801JB ICH10 - USB Universal Host Controller
Bus 0, Device 29, Function 2	Intel 82801JB ICH10 - USB Universal Host Controller
Bus 0, Device 26, Function 7	Intel 82801JB ICH10 - USB2 Enhanced Host Controller
Bus 0, Device 29, Function 7	Intel 82801JB ICH10 - USB2 Enhanced Host Controller
Bus 0, Device 31, Function 0	Intel 82801JB ICH10R - LPC Bridge
Bus 63, Device 4, Function 1	Intel IMC Channel 0 Address Registers
Bus 63, Device 4, Function 0	Intel IMC Channel 0 Control Registers
Bus 63, Device 4, Function 2	Intel IMC Channel 0 Rank Registers
Bus 63, Device 4, Function 3	Intel IMC Channel 0 Thermal Control
Bus 63, Device 5, Function 1	Intel IMC Channel 1 Address Registers
Bus 63, Device 5, Function 0	Intel IMC Channel 1 Control Registers
Bus 63, Device 5, Function 2	Intel IMC Channel 1 Rank Registers
Bus 63, Device 5, Function 3	Intel IMC Channel 1 Thermal Control
Bus 63, Device 6, Function 1	Intel IMC Channel 2 Address Registers
Bus 63, Device 6, Function 0	Intel IMC Channel 2 Control Registers
Bus 63, Device 6, Function 2	Intel IMC Channel 2 Rank Registers
Bus 63, Device 6, Function 3	Intel IMC Channel 2 Thermal Control

Bus 63, Device 3, Function 0	Intel IMC Registers
Bus 63, Device 3, Function 1	Intel IMC Target Address Decoder
Bus 63, Device 3, Function 4	Intel IMC Test Registers
Bus 63, Device 0, Function 0	Intel QuickPath Architecture - Generic Non-Core Registers
Bus 63, Device 0, Function 1	Intel QuickPath Architecture - System Address Decoder (SAD)
Bus 63, Device 2, Function 0	Intel QuickPath Interconnect - QPI Link 0 Control
Bus 63, Device 2, Function 1	Intel QuickPath Interconnect - QPI Physical 0 Control
Bus 0, Device 16, Function 0	Intel Tylersburg Chipset - CSI Port 0 [B-3]
Bus 0, Device 16, Function 1	Intel Tylersburg Chipset - CSI Port 0 [B-3]
Bus 0, Device 17, Function 0	Intel Tylersburg Chipset - CSI Port 1 [B-3]
Bus 0, Device 17, Function 1	Intel Tylersburg Chipset - CSI Port 1 [B-3]
Bus 0, Device 19, Function 0	Intel Tylersburg Chipset - I/OxAPIC Interrupt Controller [B-3]
Bus 0, Device 20, Function 2	Intel Tylersburg Chipset - IOH Control/Status and RAS Registers [B-3]
Bus 0, Device 1, Function 0	Intel Tylersburg Chipset - PCI Express Root Port 1 (x4/x2) [B-3]
Bus 0, Device 2, Function 0	Intel Tylersburg Chipset - PCI Express Root Port 2 (x2) [B-3]
Bus 0, Device 3, Function 0	Intel Tylersburg Chipset - PCI Express Root Port 3 (x16/x8/x4) [B-3]
Bus 0, Device 20, Function 1	Intel Tylersburg Chipset - Scratchpad/GPIO Registers [B-3]
Bus 0, Device 20, Function 0	Intel Tylersburg Chipset - System Management Registers [B-3]
Bus 0, Device 21, Function 0	Intel Tylersburg Chipset - Trusted Execution Technology Registers [B-3]
Bus 0, Device 0, Function 0	Intel X58 Chipset - ESI Port [B-3]
Bus 1, Device 0, Function 0	Marvell 88SE9128 SATA 6Gb/s Controller
Bus 2, Device 0, Function 0	NEC uPD720200 USB 3.0 Host Controller
Bus 3, Device 0, Function 1	nVIDIA GF100 - High Definition Audio Controller
Bus 7, Device 0, Function 0	Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter
Bus 8, Device 6, Function 0	Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller

PnP Devices:

PNP0C08	ACPI Driver/BIOS
FIXEDBUTTON	ACPI Fixed Feature Button
PNP0C14	ACPI Management Interface
PNP0200	DMA Controller
PNP0103	High Precision Event Timer
INT0800	Intel Flash EEPROM
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU_____930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU_____930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-	Intel(R) Core(TM) i7 CPU 930 @

_INTEL(R)_CORE(TM)_I7_CPU___________930__@_2.80GHZ	2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU___________930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU___________930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU___________930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU___________930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_26_-_INTEL(R)_CORE(TM)_I7_CPU___________930__@_2.80GHZ	Intel(R) Core(TM) i7 CPU 930 @ 2.80GHz
PNP0C04	Numeric Data Processor
PNP0800	PC Speaker
PNP0A03	PCI Bus
PNP0C0C	Power Button
PNP0000	Programmable Interrupt Controller
PNP0B00	Real-Time Clock
PNP0C01	System Board Extension
PNP0100	System Timer
PNP0C02	Thermal Monitoring ACPI Device
PNP0C02	Thermal Monitoring ACPI Device
PNP0C02	Thermal Monitoring ACPI Device

USB Devices:

045E 0745	USB Composite Device
045E 0745	USB Input Device
045E 0745	USB Input Device
045E 0745	USB Input Device
0951 1642	USB Mass Storage Device

PCI Devices

[EVGA e-GeForce GTX 470 Video Adapter]

Device Properties:

Device Description	EVGA e-GeForce GTX 470 Video Adapter
Bus Type	PCI Express 2.0 x16
Bus / Device / Function	3 / 0 / 0
Device ID	10DE-06CD
Subsystem ID	3842-1472
Device Class	0300 (VGA Display Controller)
Revision	A3
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

Video Adapter Manufacturer:

Company Name	EVGA Corporation

Product Information	http://www.evga.com/products/default.asp
Driver Download	http://www.evga.com/Support/Drivers/Default.asp
Driver Update	http://www.aida64.com/driver-updates

[Gigabyte GBB363 SATA-II RAID Controller]

Device Properties:

Device Description	Gigabyte GBB363 SATA-II RAID Controller
Bus Type	PCI Express 1.0 x1
Bus / Device / Function	5 / 0 / 0
Device ID	197B-2363
Subsystem ID	1458-B000
Device Class	0101 (IDE Controller)
Revision	02
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Gigabyte GBB363 SATA-II RAID Controller]

Device Properties:

Device Description	Gigabyte GBB363 SATA-II RAID Controller
Bus Type	PCI Express 1.0 x1
Bus / Device / Function	6 / 0 / 0
Device ID	197B-2363
Subsystem ID	1458-B000
Device Class	0101 (IDE Controller)
Revision	03
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB I/O Controller Hub 10 (ICH10) [A-0]]

Device Properties:

Device Description	Intel 82801JB I/O Controller Hub 10 (ICH10) [A-0]
Bus Type	PCI
Bus / Device / Function	0 / 30 / 0
Device ID	8086-244E
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	90
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - 2-port SATA Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - 2-port SATA Controller
Bus Type	PCI
Bus / Device / Function	0 / 31 / 5
Device ID	8086-3A26
Subsystem ID	1458-B002
Device Class	0101 (IDE Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - 4-port SATA Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - 4-port SATA Controller
Bus Type	PCI
Bus / Device / Function	0 / 31 / 2
Device ID	8086-3A20
Subsystem ID	1458-B002
Device Class	0101 (IDE Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - High Definition Audio Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - High Definition Audio Controller
Bus Type	PCI Express 1.0
Bus / Device / Function	0 / 27 / 0
Device ID	8086-3A3E
Subsystem ID	1458-A102
Device Class	0403 (High Definition Audio)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - PCI Express Root Port 1]

Device Properties:

Device Description	Intel 82801JB ICH10 - PCI Express Root Port 1
Bus Type	PCI
Bus / Device / Function	0 / 28 / 0
Device ID	8086-3A40
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - PCI Express Root Port 2]

Device Properties:

Device Description	Intel 82801JB ICH10 - PCI Express Root Port 2
Bus Type	PCI
Bus / Device / Function	0 / 28 / 1
Device ID	8086-3A42
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - PCI Express Root Port 4]

Device Properties:

Device Description	Intel 82801JB ICH10 - PCI Express Root Port 4
Bus Type	PCI
Bus / Device / Function	0 / 28 / 3
Device ID	8086-3A46
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - PCI Express Root Port 5]

Device Properties:

Device Description	Intel 82801JB ICH10 - PCI Express Root Port 5
Bus Type	PCI
Bus / Device / Function	0 / 28 / 4
Device ID	8086-3A48
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - SMBus Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - SMBus Controller
Bus Type	PCI
Bus / Device / Function	0 / 31 / 3
Device ID	8086-3A30
Subsystem ID	1458-5001
Device Class	0C05 (SMBus Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel 82801JB ICH10 - USB Universal Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB Universal Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 26 / 0
Device ID	8086-3A37
Subsystem ID	1458-5004
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB Universal Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB Universal Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 26 / 1
Device ID	8086-3A38
Subsystem ID	1458-5004
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB Universal Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB Universal Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 26 / 2
Device ID	8086-3A39
Subsystem ID	1458-5004
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB Universal Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB Universal Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 29 / 0
Device ID	8086-3A34
Subsystem ID	1458-5004
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB Universal Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB Universal Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 29 / 1
Device ID	8086-3A35
Subsystem ID	1458-5004
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB Universal Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB Universal Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 29 / 2
Device ID	8086-3A36
Subsystem ID	1458-5004
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB2 Enhanced Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB2 Enhanced Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 26 / 7
Device ID	8086-3A3C
Subsystem ID	1458-5006
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10 - USB2 Enhanced Host Controller]

Device Properties:

Device Description	Intel 82801JB ICH10 - USB2 Enhanced Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 29 / 7
Device ID	8086-3A3A
Subsystem ID	1458-5006
Device Class	0C03 (USB Controller)
Revision	00
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel 82801JB ICH10R - LPC Bridge]

Device Properties:

Device Description	Intel 82801JB ICH10R - LPC Bridge
Bus Type	PCI
Bus / Device / Function	0 / 31 / 0
Device ID	8086-3A16
Subsystem ID	1458-5001
Device Class	0601 (PCI/ISA Bridge)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 0 Address Registers]

Device Properties:

Device Description	Intel IMC Channel 0 Address Registers
Bus Type	PCI
Bus / Device / Function	63 / 4 / 1
Device ID	8086-2C21
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 0 Control Registers]

Device Properties:

Device Description	Intel IMC Channel 0 Control Registers
Bus Type	PCI
Bus / Device / Function	63 / 4 / 0
Device ID	8086-2C20
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 0 Rank Registers]

Device Properties:

Device Description	Intel IMC Channel 0 Rank Registers
Bus Type	PCI
Bus / Device / Function	63 / 4 / 2
Device ID	8086-2C22
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 0 Thermal Control]

Device Properties:

Device Description	Intel IMC Channel 0 Thermal Control
Bus Type	PCI
Bus / Device / Function	63 / 4 / 3
Device ID	8086-2C23
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported

Bus Mastering	Enabled

[Intel IMC Channel 1 Address Registers]

Device Properties:

Device Description	Intel IMC Channel 1 Address Registers
Bus Type	PCI
Bus / Device / Function	63 / 5 / 1
Device ID	8086-2C29
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 1 Control Registers]

Device Properties:

Device Description	Intel IMC Channel 1 Control Registers
Bus Type	PCI
Bus / Device / Function	63 / 5 / 0
Device ID	8086-2C28
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 1 Rank Registers]

Device Properties:

Device Description	Intel IMC Channel 1 Rank Registers
Bus Type	PCI
Bus / Device / Function	63 / 5 / 2
Device ID	8086-2C2A
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported

Bus Mastering	Enabled

[Intel IMC Channel 1 Thermal Control]

Device Properties:

Device Description	Intel IMC Channel 1 Thermal Control
Bus Type	PCI
Bus / Device / Function	63 / 5 / 3
Device ID	8086-2C2B
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 2 Address Registers]

Device Properties:

Device Description	Intel IMC Channel 2 Address Registers
Bus Type	PCI
Bus / Device / Function	63 / 6 / 1
Device ID	8086-2C31
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 2 Control Registers]

Device Properties:

Device Description	Intel IMC Channel 2 Control Registers
Bus Type	PCI
Bus / Device / Function	63 / 6 / 0
Device ID	8086-2C30
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported

Bus Mastering	Enabled

[Intel IMC Channel 2 Rank Registers]

Device Properties:

Device Description	Intel IMC Channel 2 Rank Registers
Bus Type	PCI
Bus / Device / Function	63 / 6 / 2
Device ID	8086-2C32
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Channel 2 Thermal Control]

Device Properties:

Device Description	Intel IMC Channel 2 Thermal Control
Bus Type	PCI
Bus / Device / Function	63 / 6 / 3
Device ID	8086-2C33
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Registers]

Device Properties:

Device Description	Intel IMC Registers
Bus Type	PCI
Bus / Device / Function	63 / 3 / 0
Device ID	8086-2C18
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Target Address Decoder]

Device Properties:

Device Description	Intel IMC Target Address Decoder
Bus Type	PCI
Bus / Device / Function	63 / 3 / 1
Device ID	8086-2C19
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel IMC Test Registers]

Device Properties:

Device Description	Intel IMC Test Registers
Bus Type	PCI
Bus / Device / Function	63 / 3 / 4
Device ID	8086-2C1C
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel QuickPath Architecture - Generic Non-Core Registers]

Device Properties:

Device Description	Intel QuickPath Architecture - Generic Non-Core Registers
Bus Type	PCI
Bus / Device / Function	63 / 0 / 0
Device ID	8086-2C41
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel QuickPath Architecture - System Address Decoder (SAD)]

Device Properties:

Device Description	Intel QuickPath Architecture - System Address Decoder (SAD)
Bus Type	PCI
Bus / Device / Function	63 / 0 / 1
Device ID	8086-2C01
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel QuickPath Interconnect - QPI Link 0 Control]

Device Properties:

Device Description	Intel QuickPath Interconnect - QPI Link 0 Control
Bus Type	PCI
Bus / Device / Function	63 / 2 / 0
Device ID	8086-2C10
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

QPI Link:

QPI Version	1.0
Min Link Frequency	1600 MHz (3.20 GT/s)
Max Link Frequency	16800 MHz (33.60 GT/s)
Current Link Frequency	2400 MHz (4.80 GT/s)

[Intel QuickPath Interconnect - QPI Physical 0 Control]

Device Properties:

Device Description	Intel QuickPath Interconnect - QPI Physical 0 Control
Bus Type	PCI
Bus / Device / Function	63 / 2 / 1
Device ID	8086-2C11
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)

Revision	05
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

QPI Link:

QPI Version	1.0
Min Link Frequency	1600 MHz (3.20 GT/s)
Max Link Frequency	16800 MHz (33.60 GT/s)
Current Link Frequency	2400 MHz (4.80 GT/s)

[Intel Tylersburg Chipset - CSI Port 0 [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - CSI Port 0 [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 16 / 0
Device ID	8086-3425
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - CSI Port 0 [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - CSI Port 0 [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 16 / 1
Device ID	8086-3426
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - CSI Port 1 [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - CSI Port 1 [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 17 / 0
Device ID	8086-3427
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - CSI Port 1 [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - CSI Port 1 [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 17 / 1
Device ID	8086-3428
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - I/OxAPIC Interrupt Controller [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - I/OxAPIC Interrupt Controller [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 19 / 0
Device ID	8086-342D
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Tylersburg Chipset - IOH Control/Status and RAS Registers [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - IOH Control/Status and RAS Registers [B-3]
Bus Type	PCI Express 2.0
Bus / Device / Function	0 / 20 / 2
Device ID	8086-3423
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - PCI Express Root Port 1 (x4/x2) [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - PCI Express Root Port 1 (x4/x2) [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 1 / 0
Device ID	8086-3408
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Tylersburg Chipset - PCI Express Root Port 2 (x2) [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - PCI Express Root Port 2 (x2) [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 2 / 0
Device ID	8086-3409
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Tylersburg Chipset - PCI Express Root Port 3 (x16/x8/x4) [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - PCI Express Root Port 3 (x16/x8/x4) [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 3 / 0
Device ID	8086-340A
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Tylersburg Chipset - Scratchpad/GPIO Registers [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - Scratchpad/GPIO Registers [B-3]
Bus Type	PCI Express 2.0
Bus / Device / Function	0 / 20 / 1
Device ID	8086-3422
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - System Management Registers [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - System Management Registers [B-3]
Bus Type	PCI Express 2.0
Bus / Device / Function	0 / 20 / 0
Device ID	8086-342E
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Tylersburg Chipset - Trusted Execution Technology Registers [B-3]]

Device Properties:

Device Description	Intel Tylersburg Chipset - Trusted Execution Technology Registers [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 21 / 0
Device ID	8086-342F
Subsystem ID	0000-0000
Device Class	0800 (Programmable Interrupt Controller)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel X58 Chipset - ESI Port [B-3]]

Device Properties:

Device Description	Intel X58 Chipset - ESI Port [B-3]
Bus Type	PCI
Bus / Device / Function	0 / 0 / 0
Device ID	8086-3405
Subsystem ID	1458-5000
Device Class	0600 (Host/PCI Bridge)
Revision	13
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Marvell 88SE9128 SATA 6Gb/s Controller]

Device Properties:

Device Description	Marvell 88SE9128 SATA 6Gb/s Controller
Bus Type	PCI Express 2.0 x1
Bus / Device / Function	1 / 0 / 0
Device ID	1B4B-91A3
Subsystem ID	1458-B000
Device Class	0101 (IDE Controller)
Revision	11
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[NEC uPD720200 USB 3.0 Host Controller]

Device Properties:

Device Description	NEC uPD720200 USB 3.0 Host Controller
Bus Type	PCI Express 2.0 x1
Bus / Device / Function	2 / 0 / 0
Device ID	1033-0194
Subsystem ID	1458-5007
Device Class	0C03 (USB Controller)
Revision	03
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[nVIDIA GF100 - High Definition Audio Controller]

Device Properties:

Device Description	nVIDIA GF100 - High Definition Audio Controller
Bus Type	PCI Express 2.0 x16
Bus / Device / Function	3 / 0 / 1
Device ID	10DE-0BE5
Subsystem ID	3842-1472
Device Class	0403 (High Definition Audio)
Revision	A1
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter]

Device Properties:

Device Description	Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter
Bus Type	PCI Express 2.0 x1
Bus / Device / Function	7 / 0 / 0
Device ID	10EC-8168
Subsystem ID	1458-E000
Device Class	0200 (Ethernet Controller)
Revision	06
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

Network Adapter Manufacturer:

Company Name	Realtek Semiconductor Corp.
Product Information	http://www.realtek.com.tw/products/productsView.aspx?Langid=1&PNid=7&PFid=10&Level=3&Conn=2
Driver Download	http://www.realtek.com.tw/downloads
Driver Update	http://www.aida64.com/driver-updates

[Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller]

Device Properties:

Device Description	Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller
Bus Type	PCI
Bus / Device / Function	8 / 6 / 0
Device ID	104C-8024
Subsystem ID	1458-1000
Device Class	0C00 (FireWire Controller)
Revision	00
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

USB Devices

[USB Composite Device (Microsoft® 2.4GHz Transceiver v6.0)]

Device Properties:

Device Description	USB Composite Device
Device ID	045E-0745
Device Class	03 / 01 (Human Interface Device)
Device Protocol	01
Manufacturer	Microsoft
Product	Microsoft® 2.4GHz Transceiver v6.0
Supported USB Version	2.00
Current Speed	Full (USB 1.1)

[USB Mass Storage Device (DT 101 G2)]

Device Properties:

Device Description	USB Mass Storage Device
Device ID	0951-1642
Device Class	08 / 06 (Mass Storage)
Device Protocol	50
Manufacturer	Kingston
Product	DT 101 G2
Serial Number	001CC0EC34B5BB1040000014

Supported USB Version	2.00
Current Speed	High (USB 2.0)

Device Resources

Resource	Share	Device Description
DMA 04	Exclusive	Direct memory access controller
IRQ 00	Exclusive	High precision event timer
IRQ 07	Shared	Intel(R) ICH10 Family SMBus Controller - 3A30
IRQ 08	Exclusive	High precision event timer
IRQ 10	Shared	Ethernet Controller
IRQ 100	Exclusive	Microsoft ACPI-Compliant System
IRQ 101	Exclusive	Microsoft ACPI-Compliant System
IRQ 102	Exclusive	Microsoft ACPI-Compliant System
IRQ 103	Exclusive	Microsoft ACPI-Compliant System
IRQ 104	Exclusive	Microsoft ACPI-Compliant System
IRQ 105	Exclusive	Microsoft ACPI-Compliant System
IRQ 106	Exclusive	Microsoft ACPI-Compliant System
IRQ 107	Exclusive	Microsoft ACPI-Compliant System
IRQ 108	Exclusive	Microsoft ACPI-Compliant System
IRQ 109	Exclusive	Microsoft ACPI-Compliant System
IRQ 110	Exclusive	Microsoft ACPI-Compliant System
IRQ 111	Exclusive	Microsoft ACPI-Compliant System
IRQ 112	Exclusive	Microsoft ACPI-Compliant System
IRQ 113	Exclusive	Microsoft ACPI-Compliant System
IRQ 114	Exclusive	Microsoft ACPI-Compliant System
IRQ 115	Exclusive	Microsoft ACPI-Compliant System
IRQ 116	Exclusive	Microsoft ACPI-Compliant System
IRQ 117	Exclusive	Microsoft ACPI-Compliant System
IRQ 118	Exclusive	Microsoft ACPI-Compliant System
IRQ 119	Exclusive	Microsoft ACPI-Compliant System
IRQ 120	Exclusive	Microsoft ACPI-Compliant System
IRQ 121	Exclusive	Microsoft ACPI-Compliant System
IRQ 122	Exclusive	Microsoft ACPI-Compliant System
IRQ 123	Exclusive	Microsoft ACPI-Compliant System
IRQ 124	Exclusive	Microsoft ACPI-Compliant System
IRQ 125	Exclusive	Microsoft ACPI-Compliant System
IRQ 126	Exclusive	Microsoft ACPI-Compliant System
IRQ 127	Exclusive	Microsoft ACPI-Compliant System
IRQ 128	Exclusive	Microsoft ACPI-Compliant System
IRQ 129	Exclusive	Microsoft ACPI-Compliant System
IRQ 13	Exclusive	Numeric data processor
IRQ 130	Exclusive	Microsoft ACPI-Compliant System
IRQ 131	Exclusive	Microsoft ACPI-Compliant System
IRQ 132	Exclusive	Microsoft ACPI-Compliant System
IRQ 133	Exclusive	Microsoft ACPI-Compliant System
IRQ 134	Exclusive	Microsoft ACPI-Compliant System
IRQ 135	Exclusive	Microsoft ACPI-Compliant System
IRQ 136	Exclusive	Microsoft ACPI-Compliant System
IRQ 137	Exclusive	Microsoft ACPI-Compliant System
IRQ 138	Exclusive	Microsoft ACPI-Compliant System

IRQ 139	Exclusive	Microsoft ACPI-Compliant System
IRQ 14	Exclusive	ATA Channel 0
IRQ 140	Exclusive	Microsoft ACPI-Compliant System
IRQ 141	Exclusive	Microsoft ACPI-Compliant System
IRQ 142	Exclusive	Microsoft ACPI-Compliant System
IRQ 143	Exclusive	Microsoft ACPI-Compliant System
IRQ 144	Exclusive	Microsoft ACPI-Compliant System
IRQ 145	Exclusive	Microsoft ACPI-Compliant System
IRQ 146	Exclusive	Microsoft ACPI-Compliant System
IRQ 147	Exclusive	Microsoft ACPI-Compliant System
IRQ 148	Exclusive	Microsoft ACPI-Compliant System
IRQ 149	Exclusive	Microsoft ACPI-Compliant System
IRQ 15	Exclusive	ATA Channel 1
IRQ 150	Exclusive	Microsoft ACPI-Compliant System
IRQ 151	Exclusive	Microsoft ACPI-Compliant System
IRQ 152	Exclusive	Microsoft ACPI-Compliant System
IRQ 153	Exclusive	Microsoft ACPI-Compliant System
IRQ 154	Exclusive	Microsoft ACPI-Compliant System
IRQ 155	Exclusive	Microsoft ACPI-Compliant System
IRQ 156	Exclusive	Microsoft ACPI-Compliant System
IRQ 157	Exclusive	Microsoft ACPI-Compliant System
IRQ 158	Exclusive	Microsoft ACPI-Compliant System
IRQ 159	Exclusive	Microsoft ACPI-Compliant System
IRQ 16	Shared	NVIDIA GeForce GTX 470
IRQ 16	Shared	Intel(R) ICH10 Family USB Universal Host Controller - 3A37
IRQ 16	Shared	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 1 - 3408
IRQ 16	Shared	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 2 - 3409
IRQ 16	Shared	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
IRQ 16	Shared	Intel(R) ICH10 Family PCI Express Root Port 1 - 3A40
IRQ 16	Shared	Intel(R) ICH10 Family PCI Express Root Port 5 - 3A48
IRQ 16	Shared	Standard Dual Channel PCI IDE Controller
IRQ 160	Exclusive	Microsoft ACPI-Compliant System
IRQ 161	Exclusive	Microsoft ACPI-Compliant System
IRQ 162	Exclusive	Microsoft ACPI-Compliant System
IRQ 163	Exclusive	Microsoft ACPI-Compliant System
IRQ 164	Exclusive	Microsoft ACPI-Compliant System
IRQ 165	Exclusive	Microsoft ACPI-Compliant System
IRQ 166	Exclusive	Microsoft ACPI-Compliant System
IRQ 167	Exclusive	Microsoft ACPI-Compliant System
IRQ 168	Exclusive	Microsoft ACPI-Compliant System
IRQ 169	Exclusive	Microsoft ACPI-Compliant System
IRQ 17	Shared	GIGABYTE GBB36X Controller
IRQ 17	Shared	High Definition Audio Controller
IRQ 17	Shared	Intel(R) ICH10 Family PCI Express Root Port 2 - 3A42
IRQ 170	Exclusive	Microsoft ACPI-Compliant System
IRQ 171	Exclusive	Microsoft ACPI-Compliant System
IRQ 172	Exclusive	Microsoft ACPI-Compliant System
IRQ 173	Exclusive	Microsoft ACPI-Compliant System
IRQ 174	Exclusive	Microsoft ACPI-Compliant System
IRQ 175	Exclusive	Microsoft ACPI-Compliant System
IRQ 176	Exclusive	Microsoft ACPI-Compliant System

IRQ 177	Exclusive	Microsoft ACPI-Compliant System
IRQ 178	Exclusive	Microsoft ACPI-Compliant System
IRQ 179	Exclusive	Microsoft ACPI-Compliant System
IRQ 18	Shared	Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3C
IRQ 18	Shared	Intel(R) ICH10 Family USB Universal Host Controller - 3A36
IRQ 18	Shared	Intel(R) ICH10 Family USB Universal Host Controller - 3A39
IRQ 18	Shared	Texas Instruments 1394 OHCI Compliant Host Controller
IRQ 180	Exclusive	Microsoft ACPI-Compliant System
IRQ 181	Exclusive	Microsoft ACPI-Compliant System
IRQ 182	Exclusive	Microsoft ACPI-Compliant System
IRQ 183	Exclusive	Microsoft ACPI-Compliant System
IRQ 184	Exclusive	Microsoft ACPI-Compliant System
IRQ 185	Exclusive	Microsoft ACPI-Compliant System
IRQ 186	Exclusive	Microsoft ACPI-Compliant System
IRQ 187	Exclusive	Microsoft ACPI-Compliant System
IRQ 188	Exclusive	Microsoft ACPI-Compliant System
IRQ 189	Exclusive	Microsoft ACPI-Compliant System
IRQ 19	Shared	GIGABYTE GBB36X Controller
IRQ 19	Shared	Intel(R) ICH10 Family USB Universal Host Controller - 3A35
IRQ 19	Shared	Intel(R) ICH10 Family PCI Express Root Port 4 - 3A46
IRQ 19	Shared	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
IRQ 190	Exclusive	Microsoft ACPI-Compliant System
IRQ 21	Shared	Intel(R) ICH10 Family USB Universal Host Controller - 3A38
IRQ 22	Shared	High Definition Audio Controller
IRQ 23	Shared	Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3A
IRQ 23	Shared	Intel(R) ICH10 Family USB Universal Host Controller - 3A34
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 65536	Exclusive	Renesas Electronics USB 3.0 Host Controller
IRQ 81	Exclusive	Microsoft ACPI-Compliant System
IRQ 82	Exclusive	Microsoft ACPI-Compliant System
IRQ 83	Exclusive	Microsoft ACPI-Compliant System
IRQ 84	Exclusive	Microsoft ACPI-Compliant System
IRQ 85	Exclusive	Microsoft ACPI-Compliant System
IRQ 86	Exclusive	Microsoft ACPI-Compliant System
IRQ 87	Exclusive	Microsoft ACPI-Compliant System
IRQ 88	Exclusive	Microsoft ACPI-Compliant System
IRQ 89	Exclusive	Microsoft ACPI-Compliant System
IRQ 90	Exclusive	Microsoft ACPI-Compliant System
IRQ 91	Exclusive	Microsoft ACPI-Compliant System
IRQ 92	Exclusive	Microsoft ACPI-Compliant System
IRQ 93	Exclusive	Microsoft ACPI-Compliant System
IRQ 94	Exclusive	Microsoft ACPI-Compliant System
IRQ 95	Exclusive	Microsoft ACPI-Compliant System
IRQ 96	Exclusive	Microsoft ACPI-Compliant System
IRQ 97	Exclusive	Microsoft ACPI-Compliant System
IRQ 98	Exclusive	Microsoft ACPI-Compliant System
IRQ 99	Exclusive	Microsoft ACPI-Compliant System
Memory 00000000-		

0009FFFF	Exclusive	System board
Memory 000A0000-000BFFFF	Shared	NVIDIA GeForce GTX 470
Memory 000A0000-000BFFFF	Shared	PCI bus
Memory 000A0000-000BFFFF	Undetermined	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Memory 000C0000-000DFFFF	Shared	PCI bus
Memory 000CDA00-000CFFFF	Exclusive	System board
Memory 000E0000-000EFFFF	Exclusive	System board
Memory 000F0000-000F7FFF	Exclusive	System board
Memory 000F8000-000FBFFF	Exclusive	System board
Memory 000FC000-000FFFFF	Exclusive	System board
Memory 00100000-DFECFFFF	Exclusive	System board
Memory DFED0000-DFEDFFFF	Exclusive	System board
Memory DFEE0000-DFEFFFFF	Exclusive	System board
Memory DFEF0000-FEBFFFFF	Shared	PCI bus
Memory E0000000-E7FFFFFF	Exclusive	NVIDIA GeForce GTX 470
Memory E0000000-EFFFFFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Memory EC000000-EFFFFFFF	Exclusive	NVIDIA GeForce GTX 470
Memory F0000000-F3FFFFFF	Exclusive	Motherboard resources
Memory F6000000-F7FFFFFF	Exclusive	NVIDIA GeForce GTX 470
Memory F6000000-F9FFFFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Memory F9FFC000-F9FFFFFF	Exclusive	High Definition Audio Controller
Memory FB900000-FB9FFFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 1 - 3408
Memory FB9FF000-FB9FF7FF	Exclusive	Standard Dual Channel PCI IDE Controller
Memory FBA00000-FBAFFFFF	Exclusive	Intel(R) 82801 PCI Bridge - 244E
Memory FBAF8000-FBAFBFFF	Exclusive	Texas Instruments 1394 OHCI Compliant Host Controller
Memory FBAFF000-FBAFF7FF	Exclusive	Texas Instruments 1394 OHCI Compliant Host Controller
Memory FBB00000-FBBFFFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 2 - 3409
Memory FBBFE000-FBBFFFFF	Exclusive	Renesas Electronics USB 3.0 Host Controller
Memory FBC00000-FBCFFFFF	Exclusive	Intel(R) ICH10 Family PCI Express Root Port 5 - 3A48
Memory FBCF8000-FBCFBFFF	Exclusive	Ethernet Controller
Memory FBCFF000-		

FBCFFFFF	Exclusive	Ethernet Controller
Memory FBD00000-FBDFFFFF	Exclusive	Intel(R) ICH10 Family PCI Express Root Port 4 - 3A46
Memory FBDFE000-FBDFFFFF	Exclusive	GIGABYTE GBB36X Controller
Memory FBE00000-FBEFFFFF	Exclusive	Intel(R) ICH10 Family PCI Express Root Port 2 - 3A42
Memory FBEFE000-FBEFFFFF	Exclusive	GIGABYTE GBB36X Controller
Memory FBFF8000-FBFFBFFF	Exclusive	High Definition Audio Controller
Memory FBFFC000-FBFFC0FF	Exclusive	Intel(R) ICH10 Family SMBus Controller - 3A30
Memory FBFFD000-FBFFD3FF	Exclusive	Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3A
Memory FBFFE000-FBFFE3FF	Exclusive	Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3C
Memory FBFFF000-FBFFFFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub I/OxAPIC Interrupt Controller - 342D
Memory FEC00000-FEC00FFF	Exclusive	System board
Memory FED00000-FED003FF	Exclusive	High precision event timer
Memory FED10000-FED1DFFF	Exclusive	System board
Memory FED20000-FED8FFFF	Exclusive	System board
Memory FEE00000-FEE00FFF	Exclusive	System board
Memory FFB00000-FFB7FFFF	Exclusive	System board
Memory FFB80000-FFBFFFFF	Exclusive	Intel(R) 82802 Firmware Hub Device
Memory FFF00000-FFFFFFFF	Exclusive	System board
Port 0000-000F	Exclusive	Direct memory access controller
Port 0000-0CF7	Shared	PCI bus
Port 0010-001F	Exclusive	Motherboard resources
Port 0020-0021	Exclusive	Programmable interrupt controller
Port 0022-003F	Exclusive	Motherboard resources
Port 0040-0043	Exclusive	System timer
Port 0044-005F	Exclusive	Motherboard resources
Port 0061-0061	Exclusive	System speaker
Port 0062-0063	Exclusive	Motherboard resources
Port 0065-006F	Exclusive	Motherboard resources
Port 0070-0073	Exclusive	System CMOS/real time clock
Port 0074-007F	Exclusive	Motherboard resources
Port 0080-0090	Exclusive	Direct memory access controller
Port 0091-0093	Exclusive	Motherboard resources
Port 0094-009F	Exclusive	Direct memory access controller
Port 00A0-00A1	Exclusive	Programmable interrupt controller
Port 00A2-00BF	Exclusive	Motherboard resources
Port 00C0-00DF	Exclusive	Direct memory access controller
Port 00E0-00EF	Exclusive	Motherboard resources
Port 00F0-00FF	Exclusive	Numeric data processor
Port 0170-0177	Exclusive	ATA Channel 1
Port 01F0-01F7	Exclusive	ATA Channel 0

Port 0290-0294	Exclusive	Motherboard resources
Port 0290-029F	Exclusive	Motherboard resources
Port 0376-0376	Exclusive	ATA Channel 1
Port 03B0-03BB	Shared	NVIDIA GeForce GTX 470
Port 03B0-03BB	Undetermined	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Port 03C0-03DF	Shared	NVIDIA GeForce GTX 470
Port 03C0-03DF	Undetermined	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Port 03F6-03F6	Exclusive	ATA Channel 0
Port 0400-04CF	Exclusive	Motherboard resources
Port 04D0-04D1	Exclusive	Motherboard resources
Port 04D2-04FF	Exclusive	Motherboard resources
Port 0500-051F	Exclusive	Intel(R) ICH10 Family SMBus Controller - 3A30
Port 0800-087F	Exclusive	Motherboard resources
Port 0880-088F	Exclusive	Motherboard resources
Port 0D00-FFFF	Shared	PCI bus
Port A000-AFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 1 - 3408
Port AB00-AB0F	Exclusive	Standard Dual Channel PCI IDE Controller
Port AC00-AC03	Exclusive	Standard Dual Channel PCI IDE Controller
Port AD00-AD07	Exclusive	Standard Dual Channel PCI IDE Controller
Port AE00-AE03	Exclusive	Standard Dual Channel PCI IDE Controller
Port AF00-AF07	Exclusive	Standard Dual Channel PCI IDE Controller
Port B000-BFFF	Exclusive	Intel(R) 7500/5520/5500/X58 I/O Hub PCI Express Root Port 3 - 340A
Port BF00-BF7F	Exclusive	NVIDIA GeForce GTX 470
Port C000-CFFF	Exclusive	Intel(R) ICH10 Family PCI Express Root Port 5 - 3A48
Port CE00-CEFF	Exclusive	Ethernet Controller
Port D000-DFFF	Exclusive	Intel(R) ICH10 Family PCI Express Root Port 4 - 3A46
Port DB00-DB0F	Exclusive	GIGABYTE GBB36X Controller
Port DC00-DC03	Exclusive	GIGABYTE GBB36X Controller
Port DD00-DD07	Exclusive	GIGABYTE GBB36X Controller
Port DE00-DE03	Exclusive	GIGABYTE GBB36X Controller
Port DF00-DF07	Exclusive	GIGABYTE GBB36X Controller
Port E000-EFFF	Exclusive	Intel(R) ICH10 Family PCI Express Root Port 2 - 3A42
Port EB00-EB0F	Exclusive	GIGABYTE GBB36X Controller
Port EC00-EC03	Exclusive	GIGABYTE GBB36X Controller
Port ED00-ED07	Exclusive	GIGABYTE GBB36X Controller
Port EE00-EE03	Exclusive	GIGABYTE GBB36X Controller
Port EF00-EF07	Exclusive	GIGABYTE GBB36X Controller
Port F100-F10F	Exclusive	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Port F200-F20F	Exclusive	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Port F300-F303	Exclusive	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Port F400-F407	Exclusive	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Port F500-F503	Exclusive	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Port F600-F607	Exclusive	Intel(R) ICH10 Family 2 port Serial ATA Storage Controller 2 - 3A26
Port F800-F80F	Exclusive	Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1 - 3A20
Port F900-F90F	Exclusive	Intel(R) ICH10 Family 4 port Serial ATA Storage Controller 1

Port FA00-FA1F	Exclusive	Intel(R) ICH10 Family USB Universal Host Controller - 3A36
Port FB00-FB1F	Exclusive	Intel(R) ICH10 Family USB Universal Host Controller - 3A35
Port FC00-FC1F	Exclusive	Intel(R) ICH10 Family USB Universal Host Controller - 3A34
Port FD00-FD1F	Exclusive	Intel(R) ICH10 Family USB Universal Host Controller - 3A39
Port FE00-FE1F	Exclusive	Intel(R) ICH10 Family USB Universal Host Controller - 3A38
Port FF00-FF1F	Exclusive	Intel(R) ICH10 Family USB Universal Host Controller - 3A37

Input

[HID Keyboard Device]

Keyboard Properties:

Keyboard Name	HID Keyboard Device
Keyboard Type	IBM enhanced (101- or 102-key) keyboard
Keyboard Layout	US
ANSI Code Page	1252 - @%SystemRoot%\system32\mlang.dll,-4612
OEM Code Page	437
Repeat Delay	1
Repeat Rate	31

[HID-compliant mouse]

Mouse Properties:

Mouse Name	HID-compliant mouse
Mouse Buttons	5
Mouse Hand	Right
Pointer Speed	1
Double-Click Time	500 msec
X/Y Threshold	6 / 10
Wheel Scroll Lines	3

Mouse Features:

Active Window Tracking	Disabled
ClickLock	Disabled
Hide Pointer While Typing	Enabled
Mouse Wheel	Present
Move Pointer To Default Button	Disabled
Pointer Trails	Disabled
Sonar	Disabled

Printers

[Fax]

Printer Properties:

Printer Name	Fax
Default Printer	No

Share Point	Not shared
Printer Port	SHRFAX:
Printer Driver	Microsoft Shared Fax Driver (v4.00)
Device Name	Fax
Print Processor	winprint
Separator Page	None
Availability	5:00 PM - 5:00 PM
Priority	1
Print Jobs Queued	0
Status	Unknown

Paper Properties:

Paper Size	Letter, 8.5 x 11 in
Orientation	Portrait
Print Quality	200 x 200 dpi Mono

[Microsoft XPS Document Writer (Default)]

Printer Properties:

Printer Name	Microsoft XPS Document Writer
Default Printer	Yes
Share Point	Not shared
Printer Port	XPSPort:
Printer Driver	Microsoft XPS Document Writer (v6.00)
Device Name	Microsoft XPS Document Writer
Print Processor	winprint
Separator Page	None
Availability	5:00 PM - 5:00 PM
Priority	1
Print Jobs Queued	0
Status	Unknown

Paper Properties:

Paper Size	Letter, 8.5 x 11 in
Orientation	Portrait
Print Quality	600 x 600 dpi Color

Debug - PCI

B00 D00 F00: Intel X58 Chipset - ESI Port [B-3]

```
Offset 000:  86 80 05 34 00 00 10 00 13 00 00 06 10 00 00 00
Offset 010:  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020:  00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030:  00 00 00 00 60 00 00 00 00 00 00 00 0A 01 00 00
Offset 040:  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050:  01 40 D1 FE 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060:  05 90 02 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070:  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080:  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090:  10 E0 42 00 20 80 00 00 00 00 00 00 41 3C 39 00
Offset 0A0:  00 00 41 30 00 00 00 00 C0 07 00 01 00 00 00 00
```

Offset 0B0: 00 00 00 00 3E 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 01 00 03 C8 08 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D01 F00: Intel Tylersburg Chipset - PCI Express Root Port 1 (x4/x2) [B-3]

Offset 000: 86 80 08 34 07 00 10 00 13 00 04 06 10 00 01 00
Offset 010: 00 00 00 00 00 00 00 00 01 01 00 A0 A0 00 00
Offset 020: 90 FB 90 FB F1 FF 01 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 0D 60 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 05 90 02 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 10 E0 42 01 21 80 00 00 20 00 00 00 22 3C 39 00
Offset 0A0: 00 00 12 70 00 05 40 00 C0 03 40 00 00 00 01 00
Offset 0B0: 00 00 00 00 3E 00 00 00 09 00 00 00 00 00 00 00
Offset 0C0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 01 00 03 C8 08 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D02 F00: Intel Tylersburg Chipset - PCI Express Root Port 2 (x2) [B-3]

Offset 000: 86 80 09 34 06 00 10 00 13 00 04 06 10 00 01 00
Offset 010: 00 00 00 00 00 00 00 00 02 02 00 F0 00 00 00
Offset 020: B0 FB B0 FB F1 FF 01 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 0D 60 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 05 90 02 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 10 E0 42 01 21 80 00 00 00 00 00 00 22 3C 39 00
Offset 0A0: 00 00 12 70 00 05 80 00 C0 03 40 00 00 00 01 00
Offset 0B0: 00 00 00 00 3E 00 00 00 09 00 00 00 00 00 00 00
Offset 0C0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 01 00 03 C8 08 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D03 F00: Intel Tylersburg Chipset - PCI Express Root Port 3 (x16/x8/x4) [B-3]

Offset 000: 86 80 0A 34 07 00 10 00 13 00 04 06 10 00 01 00
Offset 010: 00 00 00 00 00 00 00 00 03 03 00 B0 B0 00 20
Offset 020: 00 F6 F0 F9 01 E0 F1 EF 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 10 01 18 00
Offset 040: 0D 60 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 05 90 02 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 10 E0 42 01 21 80 00 00 00 00 00 00 02 3D 39 00
Offset 0A0: 00 00 01 71 80 25 C0 00 C0 03 40 00 00 00 01 00
Offset 0B0: 00 00 00 00 3E 00 00 00 09 00 00 00 00 00 00 00
Offset 0C0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 01 00 03 C8 08 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D10 F00: Intel Tylersburg Chipset - CSI Port 0 [B-3]

Offset 000: 86 80 25 34 00 00 10 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 09 00 FF F0 02 00 C0 00 00 68 00 00 39 00 00 00
Offset 060: 88 C6 FA 07 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 07 02 00 02 00 20 7E 00 00 20 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 08 96 08 00 00 00 00 00 FC 16 06 00 00 5F 00
Offset 0D0: C5 00 00 00 00 00 D1 00 00 00 00 00 81 04 01 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 64 11 11 11 64 11 11 11

B00 D10 F01: Intel Tylersburg Chipset - CSI Port 0 [B-3]

Offset 000: 86 80 26 34 00 00 00 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 01 00 00 00 00 00 00 00 00 00 00 00 47 22 40 00
Offset 050: 08 00 02 00 00 00 00 00 02 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 40 00 00 00 00 00 00 00 02 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 01 00 41 10 04 41 10 04 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D11 F00: Intel Tylersburg Chipset - CSI Port 1 [B-3]

Offset 000: 86 80 27 34 00 00 10 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D11 F01: Intel Tylersburg Chipset - CSI Port 1 [B-3]

Offset 000: 86 80 28 34 00 00 00 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 40 00 00 00 FF FF FF FF 00 00 00 00 00 00 00 00
Offset 0B0: 80 00 00 00 FF FF FF FF 00 00 00 00 00 00 00 00
Offset 0C0: 40 00 FF 00 FF FF FF FF 00 00 00 00 00 00 00 00
Offset 0D0: A0 00 00 00 FF FF FF FF 00 00 00 00 00 00 00 00
Offset 0E0: 01 00 00 00 16 18 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D13 F00: Intel Tylersburg Chipset - I/OxAPIC Interrupt Controller [B-3]

Offset 000: 86 80 2D 34 06 00 10 00 13 20 00 08 10 00 80 00
Offset 010: 00 F0 FF FB 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 6C 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 01 00 03 C8
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: A8 1F 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D14 F00: Intel Tylersburg Chipset - System Management Registers [B-3]

Offset 000: 86 80 2E 34 00 00 10 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 10 00 92 00 00 80 00 00 00 00 00 00 00 F4 3B 00
Offset 050: 00 00 00 10 00 00 00 00 C0 07 00 00 00 00 01 00
Offset 060: 00 00 00 00 00 80 00 00 00 00 00 00 00 F4 3B 00
Offset 070: 00 00 00 10 00 00 00 00 C0 07 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 FF FF FF FF 07 00
Offset 090: 00 00 00 00 00 00 00 00 48 00 04 00 34 6C 03 00
Offset 0A0: 00 00 00 00 00 00 00 00 03 00 F0 DF 00 00 00 00
Offset 0B0: 00 00 FF FF FF FF 07 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 FF FF FF FF 07 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 DC 00 00 00 9C 01 00 00 00 00 00 00 FC
Offset 0E0: FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: F0 F7 FF 03 00 00 00 00 80 7F 00 00 00 00 00 00

B00 D14 F01: Intel Tylersburg Chipset - Scratchpad/GPIO Registers [B-3]

Offset 000: 86 80 22 34 00 00 10 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 10 00 92 00 00 80 00 00 00 00 00 00 00 F4 3B 00
Offset 050: 00 00 00 10 00 00 00 00 C0 07 00 00 00 00 01 00
Offset 060: 00 00 00 00 00 80 00 00 00 00 00 00 00 F4 3B 00
Offset 070: 00 00 00 10 00 00 00 00 C0 07 00 00 00 00 00 00
Offset 080: 00 00 00 00 81 0C 15 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 BF 0A 01 02 00 00 00 BF
Offset 0A0: 00 00 00 00 00 03 00 02 00 00 83 01 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 D0 FE FF 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 81 0C 15 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 BF 0A 01 02 00 00 00 BF

B00 D14 F02: Intel Tylersburg Chipset - IOH Control/Status and RAS Registers [B-3]

Offset 000: 86 80 23 34 00 00 10 00 13 00 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 10 00 92 00 00 80 00 00 00 00 00 00 00 F4 3B 00
Offset 050: 00 00 00 10 00 00 00 00 C0 07 00 00 00 00 01 00
Offset 060: 00 00 00 00 00 80 00 00 00 00 00 00 00 F4 3B 00
Offset 070: 00 00 00 10 00 00 00 00 C0 07 00 00 00 00 00 00
Offset 080: A4 80 A0 02 50 01 AA AA A8 00 00 00 65 15 00 00
Offset 090: 00 00 00 00 24 00 00 00 04 08 00 00 22 05 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 01 00 00 00 00 00 00 00 00 00 00 00 00 42 00 00
Offset 0D0: 00 00 00 00 00 08 08 92 9D 00 B9 35 00 00 10 00
Offset 0E0: 40 58 05 00 DB 03 00 00 FF 07 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D15 F00: Intel Tylersburg Chipset - Trusted Execution Technology Registers [B-3]

Offset 000: 86 80 2F 34 00 00 00 00 13 20 00 08 10 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D1A F00: Intel 82801JB ICH10 - USB Universal Host Controller

Offset 000: 86 80 37 3A 05 00 90 02 00 00 03 0C 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 FF 00 00 00 00 00 00 00 00 00 00 58 14 04 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 20 00 00 00 00 00 00 00 00 01 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1A F01: Intel 82801JB ICH10 - USB Universal Host Controller

Offset 000: 86 80 38 3A 05 00 90 02 00 00 03 0C 00 00 00 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 FE 00 00 00 00 00 00 00 00 00 00 58 14 04 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 15 02 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 20 00 00 00 00 00 00 00 00 01 00 00 00 00 00

Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1A F02: Intel 82801JB ICH10 - USB Universal Host Controller

Offset 000: 86 80 39 3A 05 00 90 02 00 00 03 0C 00 00 00 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 FD 00 00 00 00 00 00 00 00 00 00 58 14 04 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 12 03 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 20 00 00 00 00 00 00 00 00 01 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1A F07: Intel 82801JB ICH10 - USB2 Enhanced Host Controller

Offset 000: 86 80 3C 3A 06 00 90 02 00 20 03 0C 00 00 00 00
Offset 010: 00 E0 FF FB 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 06 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 12 03 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 01 58 C2 C9 00 80 00 00 0A 98 A0 20 00 00 00 00
Offset 060: 20 20 FF 01 00 00 00 00 01 00 00 01 00 20 00 C0
Offset 070: 00 00 DF 0F 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 13 00 06 03 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 AA FF 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 86 85 40 80 86 0F 04 00 0A 13 02 20

B00 D1B F00: Intel 82801JB ICH10 - High Definition Audio Controller

Offset 000: 86 80 3E 3A 06 00 10 00 00 00 03 04 10 00 00 00
Offset 010: 04 80 FF FB 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 02 A1
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 16 01 00 00
Offset 040: 01 00 00 07 07 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 01 60 42 C8 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 05 70 80 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 00 91 00 00 00 00 10 00 08 10 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 04 00 01 00 00 00 00 31 00 A3 02 00 00 00 00
Offset 0D0: 61 00 A3 02 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1C F00: Intel 82801JB ICH10 - PCI Express Root Port 1

Offset 000: 86 80 40 3A 04 00 10 00 00 00 04 06 10 00 81 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 04 04 00 F0 00 00 20
Offset 020: F0 FF 00 00 F1 FF 01 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 10 80 41 01 00 80 00 00 00 00 10 00 11 44 11 01
Offset 050: 00 00 01 10 60 05 80 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 0D A0 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 0A0: 01 00 02 C8 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 11 08 00 00 00 00
Offset 0E0: 00 00 C7 00 06 07 08 00 30 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1C F01: Intel 82801JB ICH10 - PCI Express Root Port 2

Offset 000: 86 80 42 3A 07 00 10 00 00 00 04 06 10 00 81 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 05 05 00 E0 E0 00 00
Offset 020: E0 FB E0 FB F1 FF 01 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 11 02 00 00
Offset 040: 10 80 41 01 00 80 00 00 00 00 10 00 11 24 11 02
Offset 050: 40 00 11 30 60 05 88 00 00 00 48 01 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 0D A0 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 0A0: 01 00 02 C8 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 11 08 00 00 00 00
Offset 0E0: 00 00 C7 00 06 07 08 00 30 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1C F03: Intel 82801JB ICH10 - PCI Express Root Port 4

Offset 000: 86 80 46 3A 07 00 10 00 00 00 04 06 10 00 81 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 06 06 00 D0 D0 00 00
Offset 020: D0 FB D0 FB F1 FF 01 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 13 04 00 00
Offset 040: 10 80 41 01 00 80 00 00 00 00 10 00 11 24 11 04
Offset 050: 40 00 11 30 60 05 98 00 00 00 48 01 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 0D A0 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 0A0: 01 00 02 C8 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 11 08 00 00 00 00
Offset 0E0: 00 00 C7 00 06 07 08 00 30 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1C F04: Intel 82801JB ICH10 - PCI Express Root Port 5

Offset 000: 86 80 48 3A 07 00 10 00 00 00 04 06 10 00 81 00
Offset 010: 00 00 00 00 00 00 00 00 00 07 07 00 C0 C0 00 00
Offset 020: F0 FF 00 00 C1 FB C1 FB 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 10 80 41 01 00 80 00 00 00 00 10 00 11 24 11 05
Offset 050: 40 00 11 30 60 05 A0 00 00 00 48 01 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 0D A0 00 00 58 14 01 50 00 00 00 00 00 00 00 00
Offset 0A0: 01 00 02 C8 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 11 08 00 00 00 00
Offset 0E0: 00 00 C7 00 06 07 08 00 30 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1D F00: Intel 82801JB ICH10 - USB Universal Host Controller

Offset 000: 86 80 34 3A 05 00 90 02 00 00 03 0C 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 FC 00 00 00 00 00 00 00 00 00 00 58 14 04 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 17 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 20 00 00 00 00 00 00 00 00 01 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1D F01: Intel 82801JB ICH10 - USB Universal Host Controller

Offset 000: 86 80 35 3A 05 00 90 02 00 00 03 0C 00 00 00 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 FB 00 00 00 00 00 00 00 00 00 00 58 14 04 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 13 02 00 00

Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 20 00 00 00 00 00 00 00 00 01 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1D F02: Intel 82801JB ICH10 - USB Universal Host Controller

Offset 000: 86 80 36 3A 05 00 90 02 00 00 03 0C 00 00 00 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 FA 00 00 00 00 00 00 00 00 00 00 58 14 04 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 12 03 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 20 00 00 00 00 00 00 00 00 01 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1D F07: Intel 82801JB ICH10 - USB2 Enhanced Host Controller

Offset 000: 86 80 3A 3A 06 00 90 02 00 20 03 0C 00 00 00 00
Offset 010: 00 D0 FF FB 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 06 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 17 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 01 58 C2 C9 00 00 00 00 0A 98 A0 20 00 00 00 00
Offset 060: 20 20 FF 01 00 00 00 00 01 00 00 01 00 20 00 C0
Offset 070: 00 00 DF 0F 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 13 00 06 03 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 AA FF 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 86 85 40 80 86 0F 04 00 0A 13 02 20

B00 D1E F00: Intel 82801JB I/O Controller Hub 10 (ICH10) [A-0]

Offset 000: 86 80 4E 24 07 00 10 00 00 01 04 06 00 00 01 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 F0 00 80 22
Offset 020: A0 FB A0 FB F1 FF 01 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 FF 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 12 00 00
Offset 050: 0D 00 00 00 58 14 00 50 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1F F00: Intel 82801JB ICH10R - LPC Bridge

Offset 000: 86 80 16 3A 07 01 10 02 00 00 01 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 01 50
Offset 030: 00 00 00 00 E0 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 01 04 00 00 80 00 00 00 81 04 00 00 10 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 8A 8C 87 8B D0 00 00 00 80 84 85 83 F8 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 10 00 0E 3C 01 08 0C 00 91 02 0C 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: E0 06 00 00 38 02 00 00 13 1C 0A 24 00 03 00 40
Offset 0B0: 00 00 F0 00 00 00 00 00 55 55 55 59 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 33 22 11 00 67 45 00 00 80 F0 00 00 00 00 00 00
Offset 0E0: 09 00 0C 10 01 00 C4 02 64 02 00 00 00 00 00 00
Offset 0F0: 01 C0 D1 FE 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1F F02: Intel 82801JB ICH10 - 4-port SATA Controller

Offset 000: 86 80 20 3A 05 00 B0 02 00 8A 01 01 00 00 00 00
Offset 010: 01 00 00 00 01 00 00 00 01 00 00 00 01 00 00 00
Offset 020: 01 F9 00 00 01 F8 00 00 00 00 00 00 58 14 02 B0
Offset 030: 00 00 00 00 70 00 00 00 00 00 00 00 FF 02 00 00
Offset 040: 00 80 07 A3 00 00 00 00 04 00 00 01 00 00 00 00
Offset 050: 00 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 01 B0 03 00 08 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 70 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 0F 82 93 01 80 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 05 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1F F03: Intel 82801JB ICH10 - SMBus Controller

Offset 000: 86 80 30 3A 03 00 80 02 00 00 05 0C 00 00 00 00
Offset 010: 04 C0 FF FB 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 01 05 00 00 00 00 00 00 00 00 00 00 58 14 01 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 07 03 00 00
Offset 040: 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 03 04 04 00 00 00 08 08 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B00 D1F F05: Intel 82801JB ICH10 - 2-port SATA Controller

Offset 000: 86 80 26 3A 05 00 B0 02 00 85 01 01 00 00 00 00
Offset 010: 01 F6 00 00 01 F5 00 00 01 F4 00 00 01 F3 00 00
Offset 020: 01 F2 00 00 01 F1 00 00 00 00 00 00 58 14 02 B0
Offset 030: 00 00 00 00 70 00 00 00 00 00 00 00 13 02 00 00
Offset 040: 00 80 00 80 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 01 B0 03 00 08 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 70 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 03 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 13 00 06 03 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 86 0F 04 00 00 00 00 00

B01 D00 F00: Marvell 88SE9128 SATA 6Gb/s Controller

Offset 000: 4B 1B A3 91 07 00 10 00 11 8F 01 01 10 00 00 00
Offset 010: 01 AF 00 00 01 AE 00 00 01 AD 00 00 01 AC 00 00
Offset 020: 01 AB 00 00 00 F0 9F FB 00 00 00 00 58 14 00 B0
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 01 50 03 40 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 05 70 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 00 12 00 02 87 28 00 30 20 09 00 12 3C 03 00
Offset 080: 00 00 12 10 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 10 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B02 D00 F00: NEC uPD720200 USB 3.0 Host Controller

Offset 000: 33 10 94 01 06 04 10 00 03 30 03 0C 10 00 00 00
Offset 010: 04 E0 BF FB 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 07 50
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 00 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 01 70 C3 C9 08 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 30 20 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 05 90 86 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 11 A0 07 80 00 10 00 00 80 10 00 00 00 00 00 00
Offset 0A0: 10 00 02 00 C0 8F 00 00 00 28 19 00 12 EC 07 00
Offset 0B0: 00 01 12 10 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 10 08 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: FC 1F 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 08 14 60 00 00 00 00 00 00 00 00 00 00 00 00 00

B03 D00 F00: EVGA e-GeForce GTX 470 Video Adapter

Offset 000: DE 10 CD 06 07 00 10 00 A3 00 00 03 10 00 80 00
Offset 010: 00 00 00 F6 0C 00 00 E0 00 00 00 00 0C 00 00 EC
Offset 020: 00 00 00 00 01 BF 00 00 00 00 00 00 42 38 72 14
Offset 030: 00 00 00 00 60 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 42 38 72 14 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 01 00 00 00 01 00 00 00 CE D6 23 00 00 00 00 00
Offset 060: 01 68 03 00 08 00 00 00 05 78 80 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 10 B4 02 00 A0 8D 2C 01
Offset 080: 10 29 00 00 01 4D 05 00 08 01 01 11 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 10 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 09 00 14 01 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B03 D00 F01: nVIDIA GF100 - High Definition Audio Controller

Offset 000: DE 10 E5 0B 06 00 10 00 A1 00 03 04 10 00 80 00
Offset 010: 00 C0 FF F9 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 42 38 72 14
Offset 030: 00 00 00 00 60 00 00 00 00 00 00 00 11 02 00 00
Offset 040: 42 38 72 14 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 CE D6 23 00 00 00 00 00
Offset 060: 01 68 03 00 08 00 00 00 05 78 80 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 10 00 02 00 A0 8D 2C 01

Offset 080: 10 28 01 00 01 4D 05 00 0B 01 01 11 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 10 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B05 D00 F00: Gigabyte GBB363 SATA-II RAID Controller

Offset 000: 7B 19 63 23 07 00 10 00 02 85 01 01 10 00 00 00
Offset 010: 01 EF 00 00 01 EE 00 00 01 ED 00 00 01 EC 00 00
Offset 020: 01 EB 00 00 00 E0 EF FB 00 00 00 00 58 14 00 B0
Offset 030: 00 00 00 00 68 00 00 00 00 00 00 00 11 01 00 00
Offset 040: B1 A1 C0 00 08 08 FF E0 20 00 00 24 10 00 00 00
Offset 050: 10 00 11 02 00 00 00 00 00 20 00 00 11 F4 03 01
Offset 060: 00 00 11 10 00 00 00 00 01 50 02 40 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 08 08 A0 00 A0 01 0A 00 0F AA 0F 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: C3 8B 38 00 03 45 02 00 9C 34 27 C0 49 92 00 00
Offset 0D0: 18 00 80 80 01 00 00 00 01 00 EB 00 00 00 00 01
Offset 0E0: 00 00 00 00 00 00 00 00 9C 34 27 C0 49 92 00 89
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B06 D00 F00: Gigabyte GBB363 SATA-II RAID Controller

Offset 000: 7B 19 63 23 07 00 10 00 03 85 01 01 10 00 00 00
Offset 010: 01 DF 00 00 01 DE 00 00 01 DD 00 00 01 DC 00 00
Offset 020: 01 DB 00 00 00 E0 DF FB 00 00 00 00 58 14 00 B0
Offset 030: 00 00 00 00 68 00 00 00 00 00 00 00 13 01 00 00
Offset 040: B1 A1 C0 00 08 08 FF E0 20 00 00 20 90 00 00 00
Offset 050: 10 00 11 02 00 00 00 00 00 20 04 00 11 F4 03 01
Offset 060: 00 00 11 10 00 00 00 00 01 50 02 40 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 A0 01 0A 00 0F AA 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 08 00 00 00 00 00 00 00 00
Offset 0C0: C3 8B 38 00 03 45 02 00 53 00 00 00 0F A0 A6 00
Offset 0D0: 18 00 00 80 01 00 00 10 40 00 EB 00 00 00 00 01
Offset 0E0: 00 00 00 00 00 00 00 00 18 35 94 C2 01 A0 00 84
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B07 D00 F00: Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter

Offset 000: EC 10 68 81 07 00 10 00 06 00 00 02 10 00 00 00
Offset 010: 01 CE 00 00 00 00 00 00 0C F0 CF FB 00 00 00 00
Offset 020: 0C 80 CF FB 00 00 00 00 00 00 00 00 58 14 00 E0
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 0A 01 00 00
Offset 040: 01 50 C3 FF 08 00 00 00 00 00 00 00 00 00 00 00

Offset 050: 05 70 80 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 B0 02 02 C1 8C 28 00 10 20 10 00 11 3C 07 00
Offset 080: 00 00 11 10 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 10 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 11 D0 03 00 04 00 00 00 04 08 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B08 D06 F00: Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller

Offset 000: 4C 10 24 80 06 00 10 02 00 10 00 0C 10 20 00 00
Offset 010: 00 F0 AF FB 00 80 AF FB 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 10
Offset 030: 00 00 00 00 44 00 00 00 00 00 00 00 12 01 02 04
Offset 040: 00 00 00 00 01 00 02 7E 00 80 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 08 00 00 00
Offset 0F0: 10 00 00 00 86 10 00 00 58 14 00 10 00 00 00 00

B3F D00 F00: Intel QuickPath Architecture - Generic Non-Core Registers

Offset 000: 86 80 41 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 20 00 00 00 00 00 00 00 20 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 20 00 20 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 02 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 18 18 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D00 F01: Intel QuickPath Architecture - System Address Decoder (SAD)

Offset 000: 86 80 01 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50

Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 10 11 11 00 00 00 00 00 00 00 00 00 0A 00 00
Offset 050: 0D 00 00 F0 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 C0 FF 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: C3 0D 00 00 C0 0F 00 00 C3 19 00 00 C0 19 00 00
Offset 090: C0 19 00 00 C0 19 00 00 C0 19 00 00 C0 19 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 11 11 11 11 00 00 00 00 11 11 11 11 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D02 F00: Intel QuickPath Interconnect - QPI Link 0 Control

Offset 000: 86 80 10 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 01 8F 08 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 86 00 00 00 00 55 45 06 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 81 DB 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 7F 00 86 02 00 00 00 00 00 B3 00 00 00 00
Offset 0D0: 01 07 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D02 F01: Intel QuickPath Interconnect - QPI Physical 0 Control

Offset 000: 86 80 11 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 09 00 FF F0 01 00 80 0B 00 00 10 00 73 02 00 00
Offset 050: 12 01 0C 7E 12 00 00 00 01 00 00 00 01 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 51 C3 10 A8 A0 40 00
Offset 070: 00 00 00 00 FF FF 0F 80 00 00 00 00 FF FF 0F 00
Offset 080: 03 0F 0F 07 00 00 00 00 01 00 00 00 01 00 0F 0F
Offset 090: 92 00 00 00 02 02 01 00 08 08 88 08 02 05 A0 00
Offset 0A0: 00 7C 01 00 08 28 32 00 84 00 00 06 02 00 00 00
Offset 0B0: 77 15 AE 4D 00 00 00 00 00 00 00 00 01 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 11 04 00 00 00 00 00 00 00 00 03 00 08 00
Offset 0E0: 00 00 02 00 00 00 40 00 00 00 82 24 00 00 00 00
Offset 0F0: 00 00 00 00 42 01 00 00 00 00 00 00 00 00 00 00

B3F D03 F00: Intel IMC Registers

Offset 000: 86 80 18 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 40 07 00 00 08 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 89 44 02 00 94 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 0E 00 00 00 00 00 00 00 E8 03 00 00 13 08 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D03 F01: Intel IMC Target Address Decoder

Offset 000: 86 80 19 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 45 0D 00 00 C3 0D 00 00 C0 0F 00 00 85 19 00 00
Offset 090: C3 19 00 00 C0 19 00 00 C0 19 00 00 C0 19 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 10 02 10 02 12 12 12 12 00 00 00 00 10 02 10 02
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D03 F04: Intel IMC Test Registers

Offset 000: 86 80 1C 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 09 00 FF F0 01 00 80 0B 03 10 10 04 E7 00 01 03
Offset 050: 0C 00 00 1E 0C 00 00 00 15 00 00 00 01 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 40 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 1C 00 00 07 00 00 38 00
Offset 0B0: EF CD AB 89 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 0F 00 11 00 28 00 00 00 01 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 0F0: 00 00 00 00 00 00 00 00 09 0A 00 00 00 00 00 00

B3F D04 F00: Intel IMC Channel 0 Control Registers

Offset 000: 86 80 20 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 32 74 3F 06 40 01 00 00
Offset 060: B0 1C 90 00 00 00 00 00 01 00 00 00 00 00 00 00
Offset 070: 48 1D 06 08 58 00 00 00 00 00 00 00 03 00 00 00
Offset 080: D8 BB 43 1B 58 B5 00 00 88 11 31 00 58 26 C6 02
Offset 090: 1C 03 B0 32 90 1A 40 60 F0 3D 01 00 50 50 E3 03
Offset 0A0: 00 00 00 00 00 00 01 01 04 04 01 01 01 02 05 09
Offset 0B0: 05 06 05 09 18 FF AF 0D E8 19 00 00 60 18 00 00
Offset 0C0: 18 06 0C 00 04 01 02 00 18 0C 0B 00 00 0C 00 00
Offset 0D0: 17 17 00 00 37 00 00 00 03 20 00 00 00 00 00 00
Offset 0E0: 18 06 00 00 00 01 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D04 F01: Intel IMC Channel 0 Address Registers

Offset 000: 86 80 21 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 A8 02 00 00 00 10 00 00
Offset 050: 00 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 08 00 00 00 00 00 00 00 00 00 D8 FF 08
Offset 090: 00 E0 FE 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D04 F02: Intel IMC Channel 0 Rank Registers

Offset 000: 86 80 22 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 07 00 00 00 07 00 00 00 07 00 00 00 07 00 00 00
Offset 050: 07 00 00 00 07 00 00 00 07 00 00 00 07 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D04 F03: Intel IMC Channel 0 Thermal Control

Offset 000: 86 80 23 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 01 FF 04 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: FF FF FF FF 00 40 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 01 00 00 00 01 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D05 F00: Intel IMC Channel 1 Control Registers

Offset 000: 86 80 28 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 32 74 3F 06 40 01 00 00
Offset 060: B0 1C 90 00 00 00 00 00 01 00 00 00 00 00 00 00
Offset 070: 48 1D 06 08 58 00 00 00 00 00 00 00 03 00 00 00
Offset 080: D8 BB 43 1B 58 B5 00 00 88 11 31 00 58 26 C6 02
Offset 090: 1C 03 B0 32 90 1A 40 60 F0 3D 01 00 50 50 E4 03
Offset 0A0: 00 00 00 00 00 00 01 01 04 04 01 01 01 02 05 09
Offset 0B0: 05 06 05 09 18 FF AF 0D E8 19 00 00 60 18 00 00
Offset 0C0: 18 06 0C 00 04 01 02 00 18 0C 0B 00 00 0C 00 00
Offset 0D0: 17 17 00 00 3A 00 00 00 03 20 00 00 00 00 00 00
Offset 0E0: 18 06 00 00 00 01 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D05 F01: Intel IMC Channel 1 Address Registers

Offset 000: 86 80 29 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 A8 02 00 00 00 10 00 00
Offset 050: 00 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 08 00 B8 FF 01 00 00 00 00 E4 FF 08
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D05 F02: Intel IMC Channel 1 Rank Registers

Offset 000: 86 80 2A 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 07 00 00 00 07 00 00 00 07 00 00 00 07 00 00 00
Offset 050: 07 00 00 00 07 00 00 00 07 00 00 00 07 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D05 F03: Intel IMC Channel 1 Thermal Control

Offset 000: 86 80 2B 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 01 FF 04 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: FF FF FF FF 00 40 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 01 00 00 00 01 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D06 F00: Intel IMC Channel 2 Control Registers

Offset 000: 86 80 30 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 32 74 3F 06 40 01 00 00
Offset 060: B0 1C 90 00 00 00 00 00 01 00 00 00 00 00 00 00
Offset 070: 48 1D 06 08 58 00 00 00 00 00 00 00 03 00 00 00
Offset 080: D8 BB 43 1B 58 B5 00 00 88 11 31 00 58 26 C6 02
Offset 090: 1C 03 B0 32 90 1A 40 60 F0 3D 01 00 50 50 E4 03
Offset 0A0: 00 00 00 00 00 00 01 01 04 04 01 01 01 02 05 09
Offset 0B0: 05 06 05 09 18 FF AF 0D E8 19 00 00 60 18 00 00
Offset 0C0: 18 06 0C 00 04 01 02 00 18 0C 0B 00 00 0C 00 00
Offset 0D0: 17 17 00 00 3C 00 00 00 03 20 00 00 00 00 00 00
Offset 0E0: 18 06 00 00 00 01 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D06 F01: Intel IMC Channel 2 Address Registers

Offset 000: 86 80 31 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 A8 02 00 00 00 10 00 00
Offset 050: 00 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 08 00 B8 FF 01 00 00 00 00 00 E4 FF 08
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D06 F02: Intel IMC Channel 2 Rank Registers

Offset 000: 86 80 32 2C 06 00 00 00 05 00 00 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 07 00 00 00 07 00 00 00 07 00 00 00 07 00 00 00
Offset 050: 07 00 00 00 07 00 00 00 07 00 00 00 07 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B3F D06 F03: Intel IMC Channel 2 Thermal Control

Offset 000: 86 80 33 2C 06 00 00 00 05 00 00 06 00 00 80 00

```
Offset 010:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020:    00 00 00 00 00 00 00 00 00 00 00 00 58 14 00 50
Offset 030:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040:    00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00
Offset 050:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060:    00 00 00 00 00 01 FF 04 00 00 00 00 00 00 00 00
Offset 070:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080:    FF FF FF FF 00 40 00 00 00 00 00 00 00 00 00 00
Offset 090:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0:    00 00 00 00 01 00 00 00 01 00 00 00 00 00 00 00
Offset 0B0:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0:    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

Debug - Video BIOS

```
C000:0000   U.m.K7400.L.w.VIDEO ......(...IBM VGA Compatible......3N04/16/10
C000:0040   ............a....r*.B8r..?..@.........s8...-D.4DPMIDl.o.......
C000:0080   .....3GF100 P1025 SKU 0006 VGA BIOS.............................
C000:00C0   .......................Version 70.00.21.00.70 ...Copyright (C) 1
C000:0100   996-2010 NVIDIA Corp.............GF100 Board - 10250006........
C000:0140   .....Chip Rev ..............................................
C000:0180   ........PCIR.............m.......HYB$..BIT......E2...,.B. .8.C...
C000:01C0   X.D...f.A...j.I...m.L....M.....N.....P.(...S.....T.....U.....V.
C000:0200   ....x.....d.....p.....i.A.....)..H.Z!a]..................!.pp...
C000:0240   ........#..L..\\....0.............I....iL`A....J.J.J.J.LiL.J..iL.
C000:0280   ...IUJ,f..Of..!a..Lb..,d..ke...e.......f...}...e..^e....P.....(.
C000:02C0   H..H#".#E...M.H.jI&I..........eC.Z.Z.....!.p.....X.....04/14/10.
C000:0300   .........1..............275010250006........w.......F.?...{.t.t.
C000:0340   ....z....Z .w.......F.?...{.t.t.,...{..Z1.e.e...5.e.....~.....".
C000:0380   ".G.....L.].,...Q...F.........d...e.e...e.e.....a.e.{...f.......
C000:03C0   ........n.w...q...z.t.Q...].x.?.z...........*.*.*.T.t.t...G.*...
```

Debug - Unknown

```
HDD   OCZ-VERTEX2
HDD   OCZ-VERTEX2 ATA Device
```