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TD { font: 80% verdana, tahoma, ms sans serif, arial; color: #000000; vertical-align: text-center; text-align: left }  
TD.dn { font: 70% verdana, tahoma, ms sans serif, arial; color: #000000; vertical-align: text-center }  
TD.di { font: bold 80% verdana, tahoma, ms sans serif, arial; color: #000000; vertical-align: text-center }  
TD.ds { font: bold 80% verdana, tahoma, ms sans serif, arial; color: #000080; vertical-align: text-center }  
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HWiNFO64 Report

HWiNFO64 v7.16-4650

Creation Time 04.02.2022 21:07

Content:  
CPU  
Motherboard  
Memory  
Bus  
Video  
Monitor  
Drives  
Audio  
Network  
Ports  
Battery

PAVILION-DV2700

[Current Computer]

Computer Name:PAVILION-DV2700

Computer Brand Name:Hewlett-Packard HP Pavilion dv2700 Notebook PC

[Operating System]

Operating System:Microsoft Windows 7 Professional (x64) Build 7601

Service Pack:Service Pack 1

UEFI Boot:Not Present

Secure Boot:Not Capable

Hypervisor-protected Code Integrity (HVCI):Disabled

Central Processor(s)

[CPU Unit Count]

Number Of Processor Packages (Physical):1

Number Of Processor Cores:2

Number Of Logical Processors:2

AMD Turion64 X2 TL-60

[General Information]

Processor Name:AMD Turion64 X2 TL-60

Original Processor Frequency:2000.0 MHz

Original Processor Frequency [MHz]:2000

CPU ID:00060F82

Extended CPU ID:00060F82

CPU Brand Name:AMD Turion(tm) 64 X2 TL-60

CPU Vendor:AuthenticAMD

CPU Stepping:BH-G2

CPU Code Name:Tyler

CPU Technology:65 nm

CPU Platform:Socket S1g1

Number of CPU Cores:2

Number of Logical CPUs:2

[Operating Points]

CPU Base:2000.0 MHz = 10.00 x 200.0 MHz @ 1.1250 V

CPU Current:2000.1 MHz = 10.00 x 200.0 MHz @ 1.0750 V

CPU Bus Type:Hyper-Transport v1.02  
Maximum Supported Hyper-Transport Link Clock:800 MHz  
Current Hyper-Transport Link Clock:800 MHz

[Cache and TLB]

L1 Cache:Instruction: 2 x 64 KBytes, Data: 2 x 64 KBytes  
L2 Cache:Integrated: 2 x 512 KBytes  
Instruction TLB:Fully associative, 32 entries  
Data TLB:Fully associative, 32 entries

[Standard Feature Flags]

FPU on ChipPresent  
Enhanced Virtual-86 ModePresent  
I/O BreakpointsPresent  
Page Size ExtensionsPresent  
Time Stamp CounterPresent  
Pentium-style Model Specific RegistersPresent  
Physical Address ExtensionPresent  
Machine Check ExceptionPresent  
CMPXCHG8B InstructionPresent  
APIC On Chip / PGE (AMD)Present  
Fast System CallPresent  
Memory Type Range RegistersPresent  
Page Global FeaturePresent  
Machine Check ArchitecturePresent  
CMOV InstructionPresent  
Page Attribute TablePresent  
36-bit Page Size ExtensionsPresent  
Processor NumberNot Present  
CLFLUSH InstructionPresent  
Debug Trace and EMON StoreNot Present  
Internal ACPI SupportNot Present  
MMX TechnologyPresent  
Fast FP Save/Restore (IA MMX-2)Present  
Streaming SIMD ExtensionsPresent  
Streaming SIMD Extensions 2Present  
Self-SnoopNot Present  
Multi-Threading CapablePresent  
Automatic Clock ControlNot Present  
IA-64 ProcessorNot Present  
Signal Break on FERRNot Present  
Streaming SIMD Extensions 3Present  
PCLMULQDQ Instruction SupportNot Present  
MONITOR/MWAIT SupportNot Present  
Supplemental Streaming SIMD Extensions 3Not Present  
FMA ExtensionNot Present

CMPXCHG16B SupportPresent  
Streaming SIMD Extensions 4.1Not Present  
Streaming SIMD Extensions 4.2Not Present  
x2APICNot Present  
POPCNT InstructionNot Present  
AES Cryptography SupportNot Present  
XSAVE/XRSTOR/XSETBV/XGETBV InstructionsNot Present  
XGETBV/XSETBV OS EnabledNot Present  
AVX SupportNot Present  
Half-Precision Convert (CVT16)Not Present  
[Extended Feature Flags]  
FPU on ChipPresent  
Enhanced Virtual-86 ModePresent  
I/O BreakpointsPresent  
Page Size ExtensionsPresent  
Time Stamp CounterPresent  
AMD-style Model Specific RegistersPresent  
Machine Check ExceptionPresent  
CMPXCHG8B InstructionPresent  
APIC On ChipPresent  
SYSCALL and SYSRET InstructionsPresent  
Memory Type Range RegistersPresent  
Page Global FeaturePresent  
Machine Check ArchitecturePresent  
CMOV InstructionPresent  
Page Attribute TablePresent  
36-bit Page Size ExtensionsPresent  
Multi-Processing / Brand featureNot Present  
No ExecutePresent  
MMX TechnologyPresent  
MMX+ ExtensionsPresent  
Fast FP Save/RestorePresent  
Fast FP Save/Restore OptimizationsPresent  
1 GB large page supportNot Present  
RDTSCP InstructionPresent  
x86-64 Long ModePresent  
3DNow! Technology ExtensionsPresent  
3DNow! TechnologyPresent  
LAHF/SAHF Long Mode SupportPresent  
Core Multi-Processing Legacy ModePresent  
Secure Virtual MachinePresent  
Extended APIC Register SpacePresent  
LOCK MOV CR0 SupportPresent  
Advanced Bit ManipulationNot Present  
SSE4A SupportNot Present  
Misaligned SSE ModeNot Present  
PREFETCH(W) SupportPresent  
OS Visible Work-around SupportNot Present

Instruction Based SamplingNot Present  
XOP Instruction SupportNot Present  
SKINIT, STGI, and DEV SupportNot Present  
Watchdog Timer SupportNot Present  
TBM0 Instruction SupportNot Present  
Lightweight Profiling SupportNot Present  
FMA4 Instruction SupportNot Present  
Translation Cache ExtensionNot Present  
Nodeld SupportNot Present  
Trailing Bit ManipulationNot Present  
Topology ExtensionsNot Present  
Core Performance Counter ExtensionsNot Present  
NB Performance Counter ExtensionsNot Present  
Streaming Performance Monitor ArchitectureNot Present  
Data Breakpoint ExtensionNot Present  
Performance Time-Stamp CounterNot Present  
L2I Performance Counter ExtensionsNot Present  
MWAITX/MONITORX SupportNot Present  
Secure Memory EncryptionNot Present  
Secure Encrypted VirtualizationNot Present

[Enhanced Features]

Core Performance BoostNot Supported

[Memory Ranges]

Maximum Physical Address Size:40-bit (1 TBytes)

Maximum Virtual Address Size:48-bit (256 TBytes)

[MTRRs]

Range 0-80000000 (0MB-2048MB) Type:Write Back (WB)

Motherboard

[Computer]

Computer Brand Name:Hewlett-Packard HP Pavilion dv2700 Notebook PC

[Motherboard]

Motherboard Model:Wistron 30D6

Motherboard Chipset:nVidia nForce 630M (C67)

Motherboard Slots:2xPCI Express x1

PCI Express Version Supported:v1.1

USB Version Supported:v2.0

[BIOS]

BIOS Manufacturer:Hewlett-Packard, Phoenix Technologies

BIOS Date:02/28/2008

BIOS Version:F.21

AMD AGESA Version:17.8.2

UEFI BIOS:Not Capable

Super-IO/LPC Chip:Unknown

Trusted Platform Module (TPM) Chip:Not Found

ACPI Devices

Microsoft AC Adapter

Device Name:Microsoft AC Adapter

PS/2 Compatible Mouse

Device Name:PS/2 Compatible Mouse

[Assigned Resources]

IRQ:12

[Alternative 1]

IRQ:12

AMD K8 Processor

Device Name:AMD K8 Processor

AMD K8 Processor

Device Name:AMD K8 Processor

ACPI Fixed Feature Button

Device Name:ACPI Fixed Feature Button

HP Remote Control HID Device

Device Name:HP Remote Control HID Device

Programmable interrupt controller

Device Name:Programmable interrupt controller

[Assigned Resources]

I/O Port:0020 - 0021

IRQ:65792

[Alternative 1]

I/O Port:0020 - 0021

I/O Port:00A0 - 00A1

System timer

Device Name:System timer

[Assigned Resources]

I/O Port:0040 - 0043

[Alternative 1]

I/O Port:0040 - 0043

High precision event timer

Device Name:High precision event timer

[Assigned Resources]

IRQ:0

[Alternative 1]

Memory Location:FED00000

IRQ:0

IRQ:8

Direct memory access controller

Device Name:Direct memory access controller

[Assigned Resources]

I/O Port:0000 - 0008

I/O Port:0089 - 008B

I/O Port:0000 - 00BF

[Alternative 1]

I/O Port:0000 - 0008

I/O Port:000A - 000F

I/O Port:0081 - 0083

I/O Port:0087  
I/O Port:0089 - 008B  
I/O Port:008F  
I/O Port:00C0 - 00D1  
I/O Port:00D4 - 00DF  
DMA:4

Standard 101/102-Key or Microsoft Natural PS/2 Keyboard with HP QLB

Device Name:Standard 101/102-Key or Microsoft Natural PS/2 Keyboard with HP QLB

[Assigned Resources]

I/O Port:0060  
I/O Port:0000

[Alternative 1]

I/O Port:0060  
I/O Port:0064  
IRQ:1

System speaker

Device Name:System speaker

[Assigned Resources]

I/O Port:0061

[Alternative 1]

I/O Port:0061

PCI bus

Device Name:PCI bus

[Assigned Resources]

I/O Port:0000 - FFFFFFFF  
Memory Location:000A0000 - 000BFFFF  
Memory Location:000C4000 - 000C3FFF  
Memory Location:000CC000 - 000CFFFF  
Memory Location:000D4000 - 000D3FFF  
Memory Location:000DC000 - 000DFFFF  
Memory Location:000E4000 - 000E3FFF

[Alternative 1]

I/O Port:0000 - 0CF7



I/O Port:0D00 - FFFF  
Memory Location:000A0000 - 000BFFFF  
Memory Location:000C0000 - 000C3FFF  
Memory Location:000C4000 - 000C7FFF  
Memory Location:000C8000 - 000CBFFF  
Memory Location:000CC000 - 000CFFFF  
Memory Location:000D0000 - 000D3FFF  
Memory Location:000D4000 - 000D7FFF  
Memory Location:000D8000 - 000DBFFF  
Memory Location:000DC000 - 000DFFFF  
Memory Location:000E0000 - 000E3FFF  
Memory Location:000E4000 - 000E7FFF  
Memory Location:000E8000 - 000EBFFF  
Memory Location:000EC000 - 000EFFFF  
Memory Location:000F0000 - 000FFFFF  
Memory Location:80000000 - FEBFFFFF

System CMOS/real time clock

Device Name:System CMOS/real time clock

[Assigned Resources]

I/O Port:0070 - 0071

[Alternative 1]

I/O Port:0070 - 0071

System board

Device Name:System board

[Assigned Resources]

Memory Location:FFC00000 - FFFFFFFF

[Alternative 1]

Memory Location:FFC00000 - FFFFFFFF

Memory Location:FEC00000 - FEC00FFF

Memory Location:FEE00000 - FEEFFFFFFF

Memory Location:FEC80000 - FEC80FFF

Memory Location:FEF00000 - FEF00FFF

Motherboard resources

Device Name:Motherboard resources

[Assigned Resources]

I/O Port:0010 - 001F

I/O Port:0065

I/O Port:0080

Memory Location:00000000 - 00000096

[Alternative 1]

I/O Port:0010 - 001F

I/O Port:0022 - 003F

I/O Port:0044 - 005F

I/O Port:0063

I/O Port:0065

I/O Port:0067 - 006F

I/O Port:0072 - 0073

I/O Port:0074 - 007F

I/O Port:0080

I/O Port:0091 - 0093

I/O Port:0097 - 009F

I/O Port:00A2 - 00BF

I/O Port:00E0 - 00EF

I/O Port:0360 - 0361

I/O Port:04D0 - 04D1

Motherboard resources

Device Name:Motherboard resources

[Assigned Resources]

Memory Location:E0000000 - EFFFFFFF

[Alternative 1]

Memory Location:E0000000 - EFFFFFFF

Motherboard resources

Device Name:Motherboard resources

[Assigned Resources]

I/O Port:1000 - 107F

I/O Port:1800 - 187F

[Alternative 1]

I/O Port:1000 - 107F

I/O Port:1080 - 10FF

I/O Port:1400 - 147F

I/O Port:1480 - 14FF

I/O Port:1800 - 187F

I/O Port:1880 - 18FF

Numeric data processor

Device Name:Numeric data processor

[Assigned Resources]

I/O Port:00F0 - 00F1

[Alternative 1]

I/O Port:00F0 - 00F1

IRQ:13

Microsoft ACPI-Compliant Embedded Controller

Device Name:Microsoft ACPI-Compliant Embedded Controller

[Assigned Resources]

I/O Port:0062

[Alternative 1]

I/O Port:0062

I/O Port:0066

Microsoft ACPI-Compliant Control Method Battery

Device Name:Microsoft ACPI-Compliant Control Method Battery

ACPI Power Button

Device Name:ACPI Power Button

ACPI Lid

Device Name:ACPI Lid

ACPI Sleep Button

Device Name:ACPI Sleep Button

Microsoft Windows Management Interface for ACPI

Device Name:Microsoft Windows Management Interface for ACPI

Direct Application Launch Button

Device Name:Direct Application Launch Button

Direct Application Launch Button

Device Name:Direct Application Launch Button

Direct Application Launch Button

Device Name:Direct Application Launch Button

Direct Application Launch Button

Device Name:Direct Application Launch Button

Direct Application Launch Button

Device Name:Direct Application Launch Button

Direct Application Launch Button

Device Name:Direct Application Launch Button

Direct Application Launch Button

Device Name:Direct Application Launch Button

ACPI Thermal Zone

Device Name:ACPI Thermal Zone

ACPI Thermal Zone

Device Name:ACPI Thermal Zone

## SMBIOS DMI

### BIOS

BIOS Vendor:Hewlett-Packard  
BIOS Version:F.21  
BIOS Release Date:02/28/2008  
BIOS Start Segment:E706  
BIOS Size:1024 KBytes

System BIOS Version:15.33  
Embedded Controller Firmware Version:81.81

ISA Support:Present  
MCA Support:Not Present  
EISA Support:Not Present  
PCI Support:Present  
PC Card (PCMCIA) Support:Present  
Plug-and-Play Support:Present  
APM Support:Present  
Flash BIOS:Present  
BIOS Shadow:Present  
VL-VESA Support:Not Present  
ESCD Support:Present  
Boot from CD:Present  
Selectable Boot:Not Present  
BIOS ROM Socketed:Not Present  
Boot from PC Card:Not Present  
EDD Support:Not Present  
NEC PC-98 Support:Not Present  
ACPI Support:Present  
USB Legacy Support:Present  
AGP Support:Present  
I2O Boot Support:Not Present  
LS-120 Boot Support:Not Present  
ATAPI ZIP Drive Boot Support:Not Present  
IEE1394 Boot Support:Not Present  
Smart Battery Support:Not Present  
BIOS Boot Specification Support:Present  
Function key-initiated Network Service Boot Support:Not Present  
Targeted Content Distribution Support:Present  
UEFI Specification Support:Not Present

Virtual Machine:Not Present

## System

System Manufacturer:Hewlett-Packard  
Product Name:HP Pavilion dv2700 Notebook PC  
Product Version:F.21  
Product Serial Number:2CE81419QC  
UUID:{20EC0602-1907-DD11-92C8-CEDE325B72C8}  
SKU Number:KN996UA#ABA  
Family:103C\_5335KV

## Mainboard

Mainboard Manufacturer:Wistron  
Mainboard Name:30D6  
Mainboard Version:81.51  
Mainboard Serial Number:

## System Enclosure

Manufacturer:Wistron  
Case Type:Notebook  
Version:N/A  
Serial Number:  
Asset Tag Number:

## Processor

Processor Manufacturer:AMD  
Processor Version:AMD Turion(tm) 64 X2 TL-60  
External Clock:200 MHz  
Maximum Clock Supported:2000 MHz  
Current Clock:2000 MHz  
CPU Socket:Populated  
CPU Status:Enabled  
Processor Type:Central Processor  
Processor Voltage:1.6 V  
Processor Upgrade:None  
Socket Designation:Socket A

## L1 Cache

Socket Designation:L1 Cache  
Cache State:Enabled  
Cache Location:Internal  
Cache Type:L1  
Cache Scheme:Write-Back  
Supported SRAM Type:Burst, Pipeline Burst, Asynchronous  
Current SRAM Type:Asynchronous  
Cache Speed:Unknown  
Error Correction Type:Unknown  
Maximum Cache Size:64 KBytes  
Installed Cache Size:64 KBytes  
Cache Associativity:Unknown

## L2 Cache

Socket Designation:L2 Cache  
Cache State:Enabled  
Cache Location:Internal  
Cache Type:L2 Unified  
Cache Scheme:Write-Through  
Supported SRAM Type:Burst, Pipeline Burst, Synchronous  
Current SRAM Type:Synchronous  
Cache Speed:Unknown  
Error Correction Type:Unknown  
Maximum Cache Size:2048 KBytes  
Installed Cache Size:1024 KBytes  
Cache Associativity:Unknown

## On Board Device

Device Description:64  
Device Type:Video Adapter  
Device Status:Enabled

## OEM Strings

\$HP\$  
ABS 72/73 F9 FA FB FC  
LOC#ABA

## System Event Log

## System Reset

Reset Count:Unknown  
Reset Limit:Unknown  
Timer interval:Unknown  
Timeout:Unknown

## Hardware Security

Power-on Password:Disabled  
Keyboard Password:Unknown  
Administrator Password:Enabled  
Front Panel Reset:Unknown

## System Power Controls

## Voltage Probe

Description:Voltage Probe  
Location:Processor  
Status:OK  
Maximum Value:Unknown  
Minimum Value:Unknown  
Resolution:Unknown  
Tolerance:Unknown  
Accuracy:Unknown

## Cooling Device

Type:Fan  
Status:OK

## Temperature Probe

Description:Temperature Probe  
Location:Processor  
Status:OK  
Maximum Value:Unknown  
Minimum Value:Unknown

Resolution:Unknown



Tolerance:Unknown  
Accuracy:Unknown

### Electrical Current Probe

Description:Electrical Current Probe  
Location:Processor  
Status:OK  
Maximum Value:Unknown  
Minimum Value:Unknown  
Resolution:Unknown  
Tolerance:Unknown  
Accuracy:Unknown

### Out-of-Band Remote Access

Manufacturer:Intel  
Inbound Connection:Enabled  
Outbound Connection:Disabled

### System Boot Information

Boot Status:Unknown (12)

### Memory Devices

#### Physical Memory Array

Array Location:System board  
Array Use:System memory  
Error Detecting Method:None  
Memory Capacity:4 GBytes  
Memory Devices:2

#### Memory Device

Total Width:32 bits  
Data Width:32 bits  
Device Size:1024 MBytes  
Device Form Factor:SODIMM  
Device Locator:M1

Bank Locator:Bank 0  
Device Type:DDR SDRAM  
Device Type Detail:Synchronous  
Memory Speed:667 MHz  
Manufacturer:  
Serial Number:  
Part Number:  
Asset Tag:

#### Memory Device

Total Width:32 bits  
Data Width:32 bits  
Device Size:1024 MBytes  
Device Form Factor:SODIMM  
Device Locator:M2  
Bank Locator:Bank 1  
Device Type:DDR SDRAM  
Device Type Detail:Synchronous  
Memory Speed:667 MHz  
Manufacturer:  
Serial Number:  
Part Number:  
Asset Tag:

#### Memory Array Mapped Address

Starting Address:00000000  
Ending Address:001FFFFF  
Partition Width:2

#### Memory Device Mapped Address

Starting Address:00000000  
Ending Address:000FFFFF  
Partition Row Position:1  
Interleave Position:Non-interleaved  
Interleave Data Depth:0

#### System Slots

PCMCIA Slot CBUS1

Slot Designation:PCMCIA Slot CBUS1  
Slot Type:PC Card (PCMCIA)  
Slot Usage:Empty  
Slot Data Bus Width:32-bit  
Slot Length:Long

## Memory

### [General information]

Total Memory Size:2 GBytes  
Total Memory Size [MB]:2048

### [Current Performance Settings]

Current Memory Clock:333.3 MHz  
Current Timing (tCAS-tRCD-tRP-tRAS):5-5-5-15  
Memory Channels Active:2

Command Rate:2T

Write to Read Delay (tWRRD\_SG/TwrrdScL) Same Bank Group:3T

Write to Precharge Delay (tWTP):16T

Write Recovery Time (tWR):5T

Row Cycle Time (tRC):21T

Four Activate Window (tFAW):13T

Row: 8 - 1 GB PC2-6400 DDR2-SDRAM Elpida EBE10UE8AFSA-8G-F

### [General Module Information]

Module Number:8

Module Size:1 GBytes

Memory Type:DDR2-SDRAM

Module Type:SO-DIMM

Error Check/Correction:None

Memory Speed:400.0 MHz (PC2-6400)

Module Manufacturer:Elpida

Module Part Number:EBE10UE8AFSA-8G-F

Module Serial Number:52960978

Module Manufacturing Date:Year: 2009, Week: 43

### [Module Characteristics]

Module Width:64-bits

Module Voltage:SSTL 1.8V

SPD Revision:1.2

Number Of Ranks:1

Row Address Bits:14

Column Address Bits:10

Number Of Banks:8

[Module timing]

Supported Burst Lengths:4, 8  
Refresh Rate:Reduced 0.5x (7.8 us)  
Supported CAS Latencies (tCAS):6.0, 5.0, 4.0  
Min. RAS-to-CAS Delay (tRCD):15.00 ns  
Min. Row Precharge Time (tRP):15.00 ns  
Min. RAS Pulse Width (tRAS):45 ns

Supported Module Timing at 400.0 MHz:6.0-6-6-18  
Supported Module Timing at 333.3 MHz:5.0-5-5-15  
Supported Module Timing at 266.7 MHz:4.0-4-4-12

Min. Row-Activate To Row-Activate Delay (tRRD):7.50 ns  
Write Recovery Time (tWR):15.00 ns  
Internal write to read command delay (tWTR):7.50 ns  
Internal read to precharge command delay (tRTP):7.50 ns  
Minimum Activate to Activate/Refresh Time (tRC):60.00 ns  
Minimum Refresh to Activate/Refresh Command Period (tRFC):127.50 ns  
Address and Command Setup Time Before Clock (tIS):0.17 ns  
Address and Command Setup Time After Clock (tIH):0.25 ns  
Data Input Setup Time Before Strobe (tDS):0.05 ns  
Data Input Setup Time After Strobe (tDH):0.12 ns

Row: 9 - 1 GB PC2-5300 DDR2-SDRAM Qimonda 64T128021EDL3SB2

[General Module Information]

Module Number:9  
Module Size:1 GBytes  
Memory Type:DDR2-SDRAM  
Module Type:SO-DIMM  
Error Check/Correction:None  
Memory Speed:333.3 MHz (PC2-5300)  
Module Manufacturer:Qimonda  
Module Part Number:64T128021EDL3SB2  
Module Serial Number:438374147  
Module Manufacturing Date:Year: 2008, Week: 6

[Module Characteristics]

Module Width:64-bits  
Module Voltage:SSTL 1.8V  
SPD Revision:1.2  
Number Of Ranks:2  
Row Address Bits:14  
Column Address Bits:10  
Number Of Banks:4

[Module timing]

Supported Burst Lengths:4, 8  
Refresh Rate:Reduced 0.5x (7.8 us)  
Supported CAS Latencies (tCAS):5.0, 4.0, 3.0  
Min. RAS-to-CAS Delay (tRCD):15.00 ns  
Min. Row Precharge Time (tRP):15.00 ns  
Min. RAS Pulse Width (tRAS):45 ns

Supported Module Timing at 333.3 MHz:5.0-5-5-15  
Supported Module Timing at 266.7 MHz:4.0-4-4-12  
Supported Module Timing at 200.0 MHz:3.0-3-3-9

Min. Row-Activate To Row-Activate Delay (tRRD):7.50 ns  
Write Recovery Time (tWR):15.00 ns  
Internal write to read command delay (tWTR):7.50 ns  
Internal read to precharge command delay (tRTP):7.50 ns  
Minimum Activate to Activate/Refresh Time (tRC):60.00 ns  
Minimum Refresh to Activate/Refresh Command Period (tRFC):105.00 ns  
Address and Command Setup Time Before Clock (tIS):0.20 ns  
Address and Command Setup Time After Clock (tIH):0.27 ns  
Data Input Setup Time Before Strobe (tDS):0.10 ns  
Data Input Setup Time After Strobe (tDH):0.17 ns

Bus

PCI Bus #0

NVIDIA MCP68/68 - Host Bridge (HyperTransport)

[General Information]

Device Name:NVIDIA MCP68/68 - Host Bridge (HyperTransport)  
Original Device Name:NVIDIA MCP68/68 - Host Bridge (HyperTransport)  
Device Class:RAM/Memory Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:0:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0547&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:(Standard system devices)  
Driver Description:PCI standard RAM Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0547&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&00  
Location PathsPCIROOT(0)#PCI(0000)

NVIDIA MCP67/68 - LPC Bridge

[General Information]

Device Name:NVIDIA MCP67/68 - LPC Bridge  
Original Device Name:NVIDIA MCP67/68 - LPC Bridge  
Device Class:PCI-to-ISA Bridge  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:1:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0548&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:(Standard system devices)  
Driver Description:PCI standard ISA bridge  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0548&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&08  
Location PathsPCIROOT(0)#PCI(0100)

NVIDIA MCP67/68 - SMBus Controller

[General Information]

Device Name:NVIDIA MCP67/68 - SMBus Controller  
Original Device Name:NVIDIA MCP67/68 - SMBus Controller  
Device Class:SMBus (System Management Bus)  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:1:1  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0542&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ10  
Interrupt Pin:INTA#  
I/O Base Address 03080  
I/O Base Address 43040  
I/O Base Address 53000

[Features]

Bus Mastering:Disabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:NVIDIA  
Driver Description:NVIDIA nForce System Management  
Driver Provider:NVIDIA  
Driver Version:4.6.0.0  
Driver Date:08-Nov-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0542&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&09  
Location PathsPCIROOT(0)#PCI(0101)

NVIDIA MCP68 - Memory Controller

[General Information]

Device Name:NVIDIA MCP68 - Memory Controller  
Original Device Name:NVIDIA MCP68 - Memory Controller  
Device Class:RAM/Memory Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:1:2  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0541&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Disabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:(Standard system devices)  
Driver Description:PCI standard RAM Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0541&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&0A  
Location PathsPCIROOT(0)#PCI(0102)

NVIDIA MCP67/68 - System Management Controller

[General Information]

Device Name:NVIDIA MCP67/68 - System Management Controller  
Original Device Name:NVIDIA MCP67/68 - System Management Controller  
Device Class:Co-Processor  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:1:3  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0543&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ18  
Interrupt Pin:INTB#  
Memory Base Address 0FC200000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:NVIDIA  
Driver Description:NVIDIA nForce System Management Controller  
Driver Provider:NVIDIA  
Driver Version:5.1.2600.131  
Driver Date:15-Feb-2007  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0543&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&0B  
Location PathsPCIROOT(0)#PCI(0103)

NVIDIA MCP67/68 - USB 1.1 OHCI Controller



[General Information]

Device Name:NVIDIA MCP67/68 - USB 1.1 OHCI Controller  
Original Device Name:NVIDIA MCP67/68 - USB 1.1 OHCI Controller  
Device Class:USB OHCI Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:2:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_055E&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ17  
Interrupt Pin:INTA#  
Memory Base Address 0FC486000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

USB Version Supported:1.0

[Driver Information]

Driver Manufacturer:(Standard USB Host Controller)  
Driver Description:Standard OpenHCD USB Host Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_055E&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&10  
Location PathsPCIROOT(0)#PCI(0200)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

NVIDIA MCP67/68 - USB 2.0 EHCI Controller

[General Information]

Device Name:NVIDIA MCP67/68 - USB 2.0 EHCI Controller  
Original Device Name:NVIDIA MCP67/68 - USB 2.0 EHCI Controller  
Device Class:USB EHCI Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:2:1  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_055F&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ17  
Interrupt Pin:INTB#  
Memory Base Address 0FC489000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

USB Version Supported:2.0

[Driver Information]

Driver Manufacturer:(Standard USB Host Controller)  
Driver Description:Standard Enhanced PCI to USB Host Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_055F&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&11  
Location PathsPCIROOT(0)#PCI(0201)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : Chicony Electronics VGA 30fps UVC Webcam

[Device Information]

Device Manufacturer:Chicony Electronics Co., Ltd.  
Product Name:HP Webcam  
Serial Number:SN0001  
USB Version Supported:2.00  
USB Device Speed:USB 2.0 High-speed  
Driver Description:USB Composite Device  
Hardware ID:USB\VID\_04F2&PID\_B016

[Driver Information]

Driver Manufacturer:(Standard USB Host Controller)  
Driver Description:USB Composite Device  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceIDUSB\VID\_04F2&PID\_B016\SN0001  
Location PathsPCIROOT(0)#PCI(0201)#USBROOT(0)#USB(4)

[Port5] : No Device Connected

NVIDIA MCP67/68 - USB 1.1 OHCI Controller

[General Information]

Device Name:NVIDIA MCP67/68 - USB 1.1 OHCI Controller  
Original Device Name:NVIDIA MCP67/68 - USB 1.1 OHCI Controller  
Device Class:USB OHCI Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:4:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_055E&SUBSYS\_30D6103C&REV\_A2

[System Resources]  
Interrupt Line:IRQ16  
Interrupt Pin:INTA#  
Memory Base Address 0FC487000

[Features]  
Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

USB Version Supported:1.0

[Driver Information]  
Driver Manufacturer:(Standard USB Host Controller)  
Driver Description:Standard OpenHCD USB Host Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_055E&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&20  
Location PathsPCIROOT(0)#PCI(0400)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

NVIDIA MCP67/68 - USB 2.0 EHCI Controller

[General Information]

Device Name:NVIDIA MCP67/68 - USB 2.0 EHCI Controller  
Original Device Name:NVIDIA MCP67/68 - USB 2.0 EHCI Controller  
Device Class:USB EHCI Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:4:1  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_055F&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ16  
Interrupt Pin:INTB#  
Memory Base Address 0FC489400

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

USB Version Supported:2.0

[Driver Information]

Driver Manufacturer:(Standard USB Host Controller)  
Driver Description:Standard Enhanced PCI to USB Host Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_055F&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&21  
Location PathsPCIROOT(0)#PCI(0401)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

NVIDIA MCP67/68 - SATA AHCI Controller

[General Information]

Device Name:NVIDIA MCP67/68 - SATA AHCI Controller  
Original Device Name:NVIDIA MCP67/68 - SATA AHCI Controller  
Device Class:IDE Controller  
Revision ID:A1  
PCI Address (Bus:Device:Function) Number:0:6:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0560&SUBSYS\_30D6103C&REV\_A1

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A  
I/O Base Address 430C0

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:(Standard IDE ATA/ATAPI controllers)  
Driver Description:Standard Dual Channel PCI IDE Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0560&SUBSYS\_30D6103C&REV\_A1\3&a  
mp;2411E6FE&2&30  
Location PathsPCIROOT(0)#PCI(0600)

NVIDIA MCP67/68 - HDA Controller

[General Information]

Device Name:NVIDIA MCP67/68 - HDA Controller  
Original Device Name:NVIDIA MCP67/68 - HDA Controller  
Device Class:High Definition Audio  
Revision ID:A1

PCI Address (Bus:Device:Function) Number:0:7:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_055C&SUBSYS\_30D6103C&REV\_A1

[System Resources]

Interrupt Line:IRQ20  
Interrupt Pin:INTA#  
Memory Base Address 0FC480000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:Microsoft  
Driver Description:High Definition Audio Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:18-Nov-2010  
DeviceInstanceID PCI\VEN\_10DE&DEV\_055C&SUBSYS\_30D6103C&REV\_A1\3&a  
mp;2411E6FE&2&38  
Location PathsPCIROOT(0)#PCI(0700)

NVIDIA MCP67/68 - PCI-to-PCI Bridge

[General Information]

Device Name:NVIDIA MCP67/68 - PCI-to-PCI Bridge  
Original Device Name:NVIDIA MCP67/68 - PCI-to-PCI Bridge  
Device Class:PCI-to-PCI Bridge  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:8:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0561&SUBSYS\_00000000&REV\_A2

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:(Standard system devices)  
Driver Description:PCI standard PCI-to-PCI bridge

Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0561&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&40  
Location PathsPCIROOT(0)#PCI(0800)

PCI Bus #1

Ricoh RL5C832 IEEE1394 FireWire Controller

[General Information]

Device Name:Ricoh RL5C832 IEEE1394 FireWire Controller  
Original Device Name:Ricoh RL5C832 IEEE1394 FireWire Controller  
Device Class:Firewire (IEEE 1394) Serial Bus  
Revision ID:5  
PCI Address (Bus:Device:Function) Number:1:9:0  
PCI Latency Timer:64  
Hardware ID:PCI\VEN\_1180&DEV\_0832&SUBSYS\_30D6103C&REV\_05

[System Resources]

Interrupt Line:IRQ5  
Interrupt Pin:INTA#  
Memory Base Address 0FC1FF800

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:Ricoh  
Driver Description:Ricoh 1394 OHCI Compliant Host Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_1180&DEV\_0832&SUBSYS\_30D6103C&REV\_05\4&a  
mp;A0F5E26&0&4840  
Location PathsPCIROOT(0)#PCI(0800)#PCI(0900)

Ricoh RL5C822 SD Bus Host Controller

[General Information]

Device Name:Ricoh RL5C822 SD Bus Host Controller



Original Device Name:Ricoh RL5C822 SD Bus Host Controller  
Device Class:SD Host Controller  
Revision ID:22  
PCI Address (Bus:Device:Function) Number:1:9:1  
PCI Latency Timer:64  
Hardware ID:PCI\VEN\_1180&DEV\_0822&SUBSYS\_30D6103C&REV\_22

[System Resources]

Interrupt Line:IRQ7  
Interrupt Pin:INTB#  
Memory Base Address 0FC100800

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:SDA Standard Compliant SD Host Controller Vendor  
Driver Description:SDA Standard Compliant SD Host Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_1180&DEV\_0822&SUBSYS\_30D6103C&REV\_22\4&amp;mp;A0F5E26&0&4940  
Location PathsPCIROOT(0)#PCI(0800)#PCI(0901)

Ricoh RL5C843 SD/MMC Host Controller

[General Information]

Device Name:Ricoh RL5C843 SD/MMC Host Controller  
Original Device Name:Ricoh RL5C843 SD/MMC Host Controller  
Device Class:Unknown Peripheral Device  
Revision ID:12  
PCI Address (Bus:Device:Function) Number:1:9:2  
PCI Latency Timer:64  
Hardware ID:PCI\VEN\_1180&DEV\_0843&SUBSYS\_30D6103C&REV\_12

[System Resources]

Interrupt Line:IRQ7  
Interrupt Pin:INTB#  
Memory Base Address 0FC100C00

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:Ricoh Company  
Driver Description:Ricoh SD/MMC Host Controller  
Driver Provider:Ricoh Company  
Driver Version:6.10.1.3  
Driver Date:24-Jun-2009  
DeviceInstanceId PCI\VEN\_1180&DEV\_0843&SUBSYS\_30D6103C&REV\_12\4&amp;mp;A0F5E26&0&4A40  
Location PathsPCIROOT(0)#PCI(0800)#PCI(0902)

Ricoh RL5C592 Memory Stick Host Controller

[General Information]

Device Name:Ricoh RL5C592 Memory Stick Host Controller  
Original Device Name:Ricoh RL5C592 Memory Stick Host Controller  
Device Class:Unknown Peripheral Device  
Revision ID:12  
PCI Address (Bus:Device:Function) Number:1:9:3  
PCI Latency Timer:64  
Hardware ID:PCI\VEN\_1180&DEV\_0592&SUBSYS\_30D6103C&REV\_12

[System Resources]

Interrupt Line:IRQ7  
Interrupt Pin:INTB#  
Memory Base Address 0FC101000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:Ricoh Company  
Driver Description:Ricoh Memory Stick Host Controller  
Driver Provider:Ricoh Company  
Driver Version:6.10.1.3  
Driver Date:24-Jun-2009  
DeviceInstanceId PCI\VEN\_1180&DEV\_0592&SUBSYS\_30D6103C&REV\_12\4&amp;mp;A0F5E26&0&4B40  
Location PathsPCIROOT(0)#PCI(0800)#PCI(0903)

Ricoh RL5C852 xD-Picture Card Controller

[General Information]

Device Name:Ricoh RL5C852 xD-Picture Card Controller

Original Device Name:Ricoh RL5C852 xD-Picture Card Controller  
Device Class:Unknown Peripheral Device  
Revision ID:12  
PCI Address (Bus:Device:Function) Number:1:9:4  
PCI Latency Timer:64  
Hardware ID:PCI\VEN\_1180&DEV\_0852&SUBSYS\_30D6103C&REV\_12

[System Resources]

Interrupt Line:IRQ7  
Interrupt Pin:INTB#  
Memory Base Address 0FC101400

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:Ricoh Company  
Driver Description:Ricoh xD-Picture Card Controller  
Driver Provider:Ricoh Company  
Driver Version:6.10.1.4  
Driver Date:24-Jun-2009  
DeviceInstanceID PCI\VEN\_1180&DEV\_0852&SUBSYS\_30D6103C&REV\_12\4&a  
mp;A0F5E26&0&4C40  
Location PathsPCIROOT(0)#PCI(0800)#PCI(0904)

NVIDIA MCP67/68 - IDE Controller

[General Information]

Device Name:NVIDIA MCP67/68 - IDE Controller  
Original Device Name:NVIDIA MCP67/68 - IDE Controller  
Device Class:IDE Controller  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:9:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0550&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ22  
Interrupt Pin:INTA#  
I/O Base Address 030F0  
I/O Base Address 130E4  
I/O Base Address 230E8  
I/O Base Address 330E0  
I/O Base Address 430D0  
Memory Base Address 5FC484000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:(Standard IDE ATA/ATAPI controllers)  
Driver Description:Standard Dual Channel PCI IDE Controller  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0550&SUBSYS\_30D6103C&REV\_A2\3&a  
mp;2411E6FE&2&48  
Location PathsPCIROOT(0)#PCI(0900)

NVIDIA MCP67/68 - Ethernet Controller

[General Information]

Device Name:NVIDIA MCP67/68 - Ethernet Controller  
Original Device Name:NVIDIA MCP67/68 - Ethernet Controller  
Device Class:Ethernet Adapter  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:10:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_054C&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:INTA#  
Memory Base Address 0FC488000  
I/O Base Address 10  
Memory Base Address 2FC489C00  
Memory Base Address 3FC489800

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:NVIDIA  
Driver Description:NVIDIA nForce Networking Controller  
Driver Provider:NVIDIA  
Driver Version:65.6.5.0  
Driver Date:05-Mar-2007  
DeviceInstanceId PCI\VEN\_10DE&DEV\_054C&SUBSYS\_30D6103C&REV\_A2\3&a

mp;2411E6FE&2&50  
Location PathsPCIROOT(0)#PCI(0A00)

NVIDIA MCP67/68 - PCI Express Bridge (x1)

[General Information]

Device Name:NVIDIA MCP67/68 - PCI Express Bridge (x1)  
Original Device Name:NVIDIA MCP67/68 - PCI Express Bridge (x1)  
Device Class:PCI-to-PCI Bridge  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:12:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0563&SUBSYS\_00000000&REV\_A2

[PCI Express]

Version:1.1  
Maximum Link Width:1x  
Current Link Width:1x  
Maximum Link Speed:2.5 GT/s  
Current Link Speed:2.5 GT/s  
Device/Port Type:Root Port of PCI Express Root Complex  
Slot Implemented:Yes  
Hot-Plug:Not Capable  
Hot-Plug Surprise:Not Capable  
Slot Power Limit:10.000 W  
Emergency Power Reduction:Not Supported  
Active State Power Management (ASPM) Support:L0s and L1  
Active State Power Management (ASPM) Status:Disabled  
L0s Exit Latency:256 - 512 ns  
L1 Exit Latency:2 - 4 us  
Maximum Payload Size Supported:256 bytes  
Maximum Payload Size:128 bytes  
Resizable BAR Support:Not Supported

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:(Standard system devices)  
Driver Description:PCI standard PCI-to-PCI bridge  
Driver Provider:Microsoft

Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0563&SUBSYS\_000010DE&REV\_A2\3&a  
mp;2411E6FE&2&60  
Location PathsPCIROOT(0)#PCI(0C00)

PCI Express x1 Bus #6

NVIDIA MCP67/68 - PCI Express Bridge (x1)

[General Information]

Device Name:NVIDIA MCP67/68 - PCI Express Bridge (x1)  
Original Device Name:NVIDIA MCP67/68 - PCI Express Bridge (x1)  
Device Class:PCI-to-PCI Bridge  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:13:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0563&SUBSYS\_00000000&REV\_A2

[PCI Express]

Version:1.1  
Maximum Link Width:1x  
Current Link Width:1x  
Maximum Link Speed:2.5 GT/s  
Current Link Speed:2.5 GT/s  
Device/Port Type:Root Port of PCI Express Root Complex  
Slot Implemented:Yes  
Hot-Plug:Not Capable  
Hot-Plug Surprise:Not Capable  
Slot Power Limit:10.000 W  
Emergency Power Reduction:Not Supported  
Active State Power Management (ASPM) Support:L0s and L1  
Active State Power Management (ASPM) Status:L0s and L1 Entry  
L0s Exit Latency:256 - 512 ns  
L1 Exit Latency:2 - 4 us  
Maximum Payload Size Supported:256 bytes  
Maximum Payload Size:128 bytes  
Resizable BAR Support:Not Supported

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Enabled

Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:(Standard system devices)  
Driver Description:PCI standard PCI-to-PCI bridge  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0563&SUBSYS\_000010DE&REV\_A2\3&am  
p;2411E6FE&2&68  
Location PathsPCIROOT(0)#PCI(0D00)

PCI Express x1 Bus #4

Broadcom 802.11b/g Wireless Network Adapter

[General Information]

Device Name:Broadcom 802.11b/g Wireless Network Adapter  
Original Device Name:Broadcom 802.11b/g Wireless Network Adapter  
Device Class:Other Network Adapter  
Revision ID:1  
PCI Address (Bus:Device:Function) Number:4:0:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_14E4&DEV\_4315&SUBSYS\_137C103C&REV\_01

[PCI Express]

Version:1.1  
Maximum Link Width:1x  
Current Link Width:1x  
Maximum Link Speed:2.5 GT/s  
Current Link Speed:2.5 GT/s  
Device/Port Type:PCI Express Endpoint  
Slot Implemented:No  
Emergency Power Reduction:Not Supported  
Active State Power Management (ASPM) Support:L0s and L1  
Active State Power Management (ASPM) Status:Disabled  
L0s Exit Latency:2 - 4 us  
L1 Exit Latency:32 - 64 us  
Maximum Payload Size Supported:128 bytes  
Maximum Payload Size:128 bytes  
Resizable BAR Support:Not Supported

[System Resources]

Interrupt Line:IRQ19

Interrupt Pin:INTA#  
Memory Base Address 0FC000000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:Broadcom  
Driver Description:Broadcom 802.11g Network Adapter  
Driver Provider:Microsoft  
Driver Version:4.176.75.21  
Driver Date:30-Sep-2008  
DeviceInstanceId PCI\VEN\_14E4&DEV\_4315&SUBSYS\_137C103C&REV\_01\4&a  
mp;7761BB6&0&0068  
Location PathsPCIROOT(0)#PCI(0D00)#PCI(0000)

NVIDIA GeForce 7150M / nForce 630M [HP]

[General Information]

Device Name:NVIDIA GeForce 7150M / nForce 630M [HP]  
Original Device Name:NVIDIA nForce 630M - GeForce 7150M (MCP67M)  
Device Class:VGA Compatible Adapter  
Revision ID:A2  
PCI Address (Bus:Device:Function) Number:0:18:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_10DE&DEV\_0531&SUBSYS\_30D6103C&REV\_A2

[System Resources]

Interrupt Line:IRQ23  
Interrupt Pin:INTA#  
Memory Base Address 0F4000000  
Memory Base Address 1D0000000  
Memory Base Address 3F0000000

[Features]

Bus Mastering:Enabled  
Running At 66 MHz:Capable  
Fast Back-to-Back Transactions:Capable

[Driver Information]

Driver Manufacturer:NVIDIA  
Driver Description:NVIDIA GeForce 7150M / nForce 630M  
Driver Provider:NVIDIA  
Driver Version:7.15.11.7948 (ForceWare 179.48)  
Driver Date:29-Jan-2009



DCH/UWD Driver:Not Capable  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0531&SUBSYS\_30D6103C&REV\_A2\3&am  
p;2411E6FE&2&90  
Location PathsPCIROOT(0)#PCI(1200)

#### AMD Hammer - HyperTransport Technology Configuration

##### [General Information]

Device Name:AMD Hammer - HyperTransport Technology Configuration  
Original Device Name:AMD Hammer - HyperTransport Technology Configuration  
Device Class:Host-to-PCI Bridge  
Revision ID:0  
PCI Address (Bus:Device:Function) Number:0:24:0  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_1022&DEV\_1100&SUBSYS\_00000000&REV\_00

##### [System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

##### [Features]

Bus Mastering:Disabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

##### [Driver Information]

Driver Manufacturer:AMD  
Driver Description:AMD HyperTransport(tm) Configuration  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_1022&DEV\_1100&SUBSYS\_00000000&REV\_00\3&am  
p;2411E6FE&2&C0  
Location PathsPCIROOT(0)#PCI(1800)

##### [Routing Node 0]

Request Route:This node  
Response Route:This node  
Broadcast Route:This node

##### [Routing Node 1]

Request Route:This node  
Response Route:This node  
Broadcast Route:This node

##### [Routing Node 2]

Request Route:This node

Response Route:This node  
Broadcast Route:This node

[Routing Node 3  
]

Request Route:This node  
Response Route:This node  
Broadcast Route:This node

[Routing Node 4]  
Request Route:This node  
Response Route:This node  
Broadcast Route:This node

[Routing Node 5]  
Request Route:This node  
Response Route:This node  
Broadcast Route:This node

[Routing Node 6]  
Request Route:This node  
Response Route:This node  
Broadcast Route:This node

[Routing Node 7]  
Request Route:This node  
Response Route:This node  
Broadcast Route:This node

[Node ID]  
This Node ID:0  
Node Count:1  
HyperTransport I/O Hub Node ID:0  
Lock Controller Node ID:0  
CPU Count:2

[Unit ID]  
CPU0 Unit ID:0  
CPU1 Unit ID:1  
Memory Controller Unit ID:2  
Host Bridge Unit ID:3  
HyperTransport I/O Hub Link ID:LDT0

[HyperTransport Transaction Control]  
Medium priority isochronous writes:Enabled  
High priority isochronous writes:Enabled  
Low priority writes:Enabled  
High priority CPU reads:Disabled

High-priority bypass count:3  
Medium-priority bypass count:3  
Downstream non-posted request limit:1  
Sequence ID source node:Disabled  
APIC extended spurious vector:Writable  
APIC extended ID:8 bits  
APIC extended broadcast ID:FFh  
Local interrupt conversion:Disabled  
Coherent HyperTransport configuration space range:Limited  
Buffer release priority select:8 packets  
Change ISOC to Ordered:Isochronous prioritization  
Response PassPW:Enabled  
Fill probe:Enabled  
Remote probe memory cancel:Enabled  
Probe memory cancel:Enabled  
CPU Read response PassPW:Disabled  
CPU request PassPW:Disabled  
CPU1:Enabled  
Memory controller target start:Enabled  
Write doubleword probes:Enabled  
Write byte probes:Enabled  
Read doubleword probe:Enabled  
Read byte probe:Enabled

[HyperTransport Initialization Control]  
Default Link:CPU on same node  
Request:Enabled  
Routing Table:Enabled

[LDT0 Capability]  
Drop on Uninitialized Link:No  
Inbound End-of-Chain Error:No  
Act As Slave:No  
Host Hide:Yes  
Chain Side:0  
Device Number:0  
Double Ended:No

[LDT0 Link Control]  
Doubleword Flow Control Out:Disabled  
Link Width Out:16 bits  
Doubleword Flow Control In:Disabled  
Link Width In:16 bits  
Doubleword Flow Control Out:Not supported  
Max. Link Width Out:16 bits  
Doubleword Flow Control In:Not supported  
Max. Link Width In:16 bits  
Extended Control Time During Initialization:>=16 bit times

HyperTransport Stop Tristate:Enabled  
Isochronous:Disabled  
CRC Error On Incoming Link (Higher Byte):Not detected  
CRC Error On Incoming Link (Lower Byte):Not detected  
Transmitter:On  
Receiver:On  
Initialization Complete:Yes  
Link Failure:Not detected  
CRC Flood:Disabled

[LDT0 Link Frequency Capability]

Link 200 MHz Frequency Capability:Capable  
Link 300 MHz Frequency Capability:Not capable  
Link 400 MHz Frequency Capability:Capable  
Link 500 MHz Frequency Capability:Not capable  
Link 600 MHz Frequency Capability:Capable  
Link 800 MHz Frequency Capability:Capable  
Link 1000 MHz Frequency Capability:Not capable  
Link 1200 MHz Frequency Capability:Not capable  
Link 1400 MHz Frequency Capability:Not capable  
Link 1600 MHz Frequency Capability:Not capable  
Link 1800 MHz Frequency Capability:Not capable  
Link 2000 MHz Frequency Capability:Not capable  
Link 2200 MHz Frequency Capability:Not capable  
Link 2400 MHz Frequency Capability:Not capable  
Link 2600 MHz Frequency Capability:Not capable  
Link 100 MHz Frequency Capability:Capable  
Current Link Frequency:800 MHz  
Link Major Revision:1  
Link Minor Revision:2

[LDT0 Feature Capability]

Extended Register Set:Not supported  
Extended CTL:Not required  
CRC Test Mode:Not supported  
HyperTransport Stop Mode:Supported  
Isochronous Flow Control Mode:Not supported

[LDT0 Buffer Count]

Response Data Buffer Count:1  
Posted Request Data Buffer Count:6  
Request Data Buffer Count:1  
Probe Buffer Count:0  
Response Buffer Count:1  
Posted Request Buffer Count:6  
Request Buffer Count:9

[LDT0 Bus Number]

Subordinate Bus Number:255  
Secondary Bus Number:0  
Primary Bus Number:0

[LDT0 Type]

Link Connect Pending:No  
UniP-cLDT:Normal coherent/Noncoherent  
Non Coherent:Noncoherent technology  
Initialization Complete:Yes  
Link Connect Status:Connected

[LDT1 Capability]

Drop on Uninitialized Link:No  
Inbound End-of-Chain Error:No  
Act As Slave:No  
Host Hide:No  
Chain Side:0  
Device Number:0  
Double Ended:No

[LDT1 Link Control]

Doubleword Flow Control Out:Disabled  
Link Width Out:8 bits  
Doubleword Flow Control In:Disabled  
Link Width In:8 bits  
Doubleword Flow Control Out:Not supported  
Max. Link Width Out:8 bits  
Doubleword Flow Control In:Not supported  
Max. Link Width In:8 bits  
Extended Control Time During Initialization:>=16 bit times  
HyperTransport Stop Tristate:Disabled  
Isochronous:Disabled  
CRC Error On Incoming Link (Higher Byte):Not detected  
CRC Error On Incoming Link (Lower Byte):Not detected  
Transmitter:On  
Receiver:On  
Initialization Complete:No  
Link Failure:Not detected  
CRC Flood:Disabled

[LDT1 Link Frequency Capability]

Link 200 MHz Frequency Capability:Not capable  
Link 300 MHz Frequency Capability:Not capable  
Link 400 MHz Frequency Capability:Not capable  
Link 500 MHz Frequency Capability:Not capable  
Link 600 MHz Frequency Capability:Not capable  
Link 800 MHz Frequency Capability:Not capable  
Link 1000 MHz Frequency Capability:Not capable

Link 1200 MHz Frequency Capability:Not capable  
Link 1400 MHz Frequency Capability:Not capable  
Link 1600 MHz Frequency Capability:Not capable  
Link 1800 MHz Frequency Capability:Not capable  
Link 2000 MHz Frequency Capability:Not capable  
Link 2200 MHz Frequency Capability:Not capable  
Link 2400 MHz Frequency Capability:Not capable  
Link 2600 MHz Frequency Capability:Not capable  
Link 100 MHz Frequency Capability:Not capable  
Current Link Frequency:200 MHz  
Link Major Revision:0  
Link Minor Revision:0

[LDT1 Feature Capability]  
Extended Register Set:Not supported  
Extended CTL:Not required  
CRC Test Mode:Not supported  
HyperTransport Stop Mode:Not supported  
Isochronous Flow Control Mode:Not supported

[LDT1 Buffer Count]  
Response Data Buffer Count:0  
Posted Request Data Buffer Count:0  
Request Data Buffer Count:0  
Probe Buffer Count:0  
Response Buffer Count:0  
Posted Request Buffer Count:0  
Request Buffer Count:0

[LDT1 Bus Number]  
Subordinate Bus Number:0  
Secondary Bus Number:0  
Primary Bus Number:0

[LDT1 Type]  
Link Connect Pending:No  
UniP-cLDT:Normal coherent/Noncoherent  
Non Coherent:Coherent technology  
Initialization Complete:No  
Link Connect Status:Not connected

[LDT2 Capability]  
Drop on Uninitialized Link:No  
Inbound End-of-Chain Error:No  
Act As Slave:No  
Host Hide:No  
Chain Side:0  
Device Number:0

Double Ended:No

[LDT2 Link Control]

Doubleword Flow Control Out:Disabled  
Link Width Out:8 bits  
Doubleword Flow Control In:Disabled  
Link Width In:8 bits  
Doubleword Flow Control Out:Not supported  
Max. Link Width Out:8 bits  
Doubleword Flow Control In:Not supported  
Max. Link Width In:8 bits  
Extended Control Time During Initialization:>=16 bit times  
HyperTransport Stop Tristate:Disabled  
Isochronous:Disabled  
CRC Error On Incoming Link (Higher Byte):Not detected  
CRC Error On Incoming Link (Lower Byte):Not detected  
Transmitter:On  
Receiver:On  
Initialization Complete:No  
Link Failure:Not detected  
CRC Flood:Disabled

[LDT2 Link Frequency Capability]

Link 200 MHz Frequency Capability:Not capable  
Link 300 MHz Frequency Capability:Not capable  
Link 400 MHz Frequency Capability:Not capable  
Link 500 MHz Frequency Capability:Not capable  
Link 600 MHz Frequency Capability:Not capable  
Link 800 MHz Frequency Capability:Not capable  
Link 1000 MHz Frequency Capability:Not capable  
Link 1200 MHz Frequency Capability:Not capable  
Link 1400 MHz Frequency Capability:Not capable  
Link 1600 MHz Frequency Capability:Not capable  
Link 1800 MHz Frequency Capability:Not capable  
Link 2000 MHz Frequency Capability:Not capable  
Link 2200 MHz Frequency Capability:Not capable  
Link 2400 MHz Frequency Capability:Not capable  
Link 2600 MHz Frequency Capability:Not capable  
Link 100 MHz Frequency Capability:Not capable  
Current Link Frequency:200 MHz  
Link Major Revision:0  
Link Minor Revision:0

[LDT2 Feature Capability]

Extended Register Set:Not supported  
Extended CTL:Not required  
CRC Test Mode:Not supported  
HyperTransport Stop Mode:Not supported

Isochronous Flow Control Mode:Not supported

[LDT2 Buffer Count]

Response Data Buffer Count:0  
Posted Request Data Buffer Count:0  
Request Data Buffer Count:0  
Probe Buffer Count:0  
Response Buffer Count:0  
Posted Request Buffer Count:0  
Request Buffer Count:0

[LDT2 Bus Number]

Subordinate Bus Number:0  
Secondary Bus Number:0  
Primary Bus Number:0

[LDT2 Type]

Link Connect Pending:No  
UniP-cLDT:Normal coherent/Noncoherent  
Non Coherent:Coherent technology  
Initialization Complete:No  
Link Connect Status:Not connected

AMD Hammer - Address Map

[General Information]

Device Name:AMD Hammer - Address Map  
Original Device Name:AMD Hammer - Address Map  
Device Class:Host-to-PCI Bridge  
Revision ID:0  
PCI Address (Bus:Device:Function) Number:0:24:1  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_1022&DEV\_1101&SUBSYS\_00000000&REV\_00

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Disabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:AMD  
Driver Description:AMD Address Map Configuration  
Driver Provider:Microsoft



Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_1022&DEV\_1101&SUBSYS\_00000000&REV\_00\3&a  
mp;2411E6FE&2&C1  
Location PathsPCIROOT(0)#PCI(1801)

[DRAM Base 0]  
DRAM Base Address:000  
Interleave:None  
Access:Read/Write

[DRAM Limit 0]  
DRAM Limit Address:7F000000  
Interleave:None  
Destination Node ID:0

[DRAM Base 1]  
DRAM Base Address:000  
Interleave:None  
Access:No access

[DRAM Limit 1]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:1

[DRAM Base 2]  
DRAM Base Address:000  
Interleave:None  
Access:No access

[DRAM Limit 2]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:2

[DRAM Base 3]  
DRAM Base Address:000  
Interleave:None  
Access:No access

[DRAM Limit 3]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:3

[DRAM Base 4]  
DRAM Base Address:000

Interleave:None  
Access:No access

[DRAM Limit 4]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:4

[DRAM Base 5]  
DRAM Base Address:000  
Interleave:None  
Access:No access

[DRAM Limit 5]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:5

[DRAM Base 6]  
DRAM Base Address:000  
Interleave:None  
Access:No access

[DRAM Limit 6]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:6

[DRAM Base 7]  
DRAM Base Address:000  
Interleave:None  
Access:No access

[DRAM Limit 7]  
DRAM Limit Address:000  
Interleave:None  
Destination Node ID:7

[Memory-Mapped I/O Base 0]  
Memory-Mapped I/O Base Address:000  
Lock:Unlocked  
CPU Access:Enabled  
Access:No access

[Memory-Mapped I/O Limit 0]  
Memory-Mapped I/O Limit Address:000  
Non-Posted:Posted  
Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 1]

Memory-Mapped I/O Base Address:000

Lock:Unlocked

CPU Access:Enabled

Access:No access

[Memory-Mapped I/O Limit 1]

Memory-Mapped I/O Limit Address:000

Non-Posted:Posted

Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 2]

Memory-Mapped I/O Base Address:000

Lock:Unlocked

CPU Access:Enabled

Access:No access

[Memory-Mapped I/O Limit 2]

Memory-Mapped I/O Limit Address:000

Non-Posted:Posted

Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 3]

Memory-Mapped I/O Base Address:000

Lock:Unlocked

CPU Access:Enabled

Access:No access

[Memory-Mapped I/O Limit 3]

Memory-Mapped I/O Limit Address:000

Non-Posted:Posted

Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 4]

Memory-Mapped I/O Base Address:A0000

Lock:Unlocked

CPU Access:Enabled

Access:Read/Write

[Memory-Mapped I/O Limit 4]

Memory-Mapped I/O Limit Address:B0000

Non-Posted:Posted

Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 5]

Memory-Mapped I/O Base Address:80000000

Lock:Unlocked

CPU Access:Enabled

Access:Read/Write

[Memory-Mapped I/O Limit 5]

Memory-Mapped I/O Limit Address:DFFF0000

Non-Posted:Posted

Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 6]

Memory-Mapped I/O Base Address:E0000000

Lock:Unlocked

CPU Access:Enabled

Access:Read/Write

[Memory-Mapped I/O Limit 6]

Memory-Mapped I/O Limit Address:FFFF0000

Non-Posted:Non-Posted

Destination Link ID:0

Destination Node ID:0

[Memory-Mapped I/O Base 7]

Memory-Mapped I/O Base Address:F0000000

Lock:Unlocked

CPU Access:Enabled

Access:Read/Write

[Memory-Mapped I/O Limit 7]

Memory-Mapped I/O Limit Address:FE0B0000

Non-Posted:Posted

Destination Link ID:0

Destination Node ID:0

[PCI I/O Base 0]

PCI I/O Base Address:0

ISA Enable:Disabled

VGA Enable:Disabled

Access:No access

[PCI I/O Limit 0]

PCI I/O Limit Address:0

Destination Link ID:0

Destination Node ID:0

[PCI I/O Base 1]  
PCI I/O Base Address:1  
ISA Enable:Disabled  
VGA Enable:Enabled  
Access:Read/Write

[PCI I/O Limit 1]  
PCI I/O Limit Address:FF  
Destination Link ID:0  
Destination Node ID:0

[PCI I/O Base 2]  
PCI I/O Base Address:0  
ISA Enable:Disabled  
VGA Enable:Disabled  
Access:No access

[PCI I/O Limit 2]  
PCI I/O Limit Address:0  
Destination Link ID:0  
Destination Node ID:0

[PCI I/O Base 3]  
PCI I/O Base Address:0  
ISA Enable:Disabled  
VGA Enable:Disabled  
Access:No access

[PCI I/O Limit 3]  
PCI I/O Limit Address:0  
Destination Link ID:0  
Destination Node ID:0

[Config Base and Limit 0]  
Bus Number Limit:FF  
Bus Number Base:0  
Destination Link ID:0  
Destination Node ID:0  
Device Number Compare:Disabled  
Access:Read/Write

[Config Base and Limit 1]  
Bus Number Limit:0  
Bus Number Base:0  
Destination Link ID:0  
Destination Node ID:0  
Device Number Compare:Disabled

Access:No access

[Config Base and Limit 2]

Bus Number Limit:0  
Bus Number Base:0  
Destination Link ID:0  
Destination Node ID:0  
Device Number Compare:Disabled  
Access:No access

[Config Base and Limit 3]

Bus Number Limit:0  
Bus Number Base:0  
Destination Link ID:0  
Destination Node ID:0  
Device Number Compare:Disabled  
Access:No access

[DRAM Hole]

DRAM Hole Base Address:0  
DRAM Hole Offset:0  
DRAM Hole Enable:Disabled

AMD Hammer - DRAM Controller

[General Information]

Device Name:AMD Hammer - DRAM Controller  
Original Device Name:AMD Hammer - DRAM Controller  
Device Class:Host-to-PCI Bridge  
Revision ID:0  
PCI Address (Bus:Device:Function) Number:0:24:2  
PCI Latency Timer:0  
Hardware ID:PCI\VEN\_1022&DEV\_1102&SUBSYS\_00000000&REV\_00

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Disabled  
Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:AMD  
Driver Description:AMD DRAM and HyperTransport(tm) Trace Mode Configuration  
Driver Provider:Microsoft

Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_1022&DEV\_1102&SUBSYS\_00000000&REV\_00\3&a  
mp;2411E6FE&2&C2  
Location PathsPCIROOT(0)#PCI(1802)

[DRAM CS Base Address 0]  
Base Address:00  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Enabled

[DRAM CS Base Address 1]  
Base Address:00  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Disabled

[DRAM CS Base Address 2]  
Base Address:00  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Disabled

[DRAM CS Base Address 3]  
Base Address:00  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Disabled

[DRAM CS Base Address 4]  
Base Address:4000000  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Enabled

[DRAM CS Base Address 5]  
Base Address:6000000  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Enabled

[DRAM CS Base Address 6]  
Base Address:00  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Disabled

[DRAM CS Base Address 7]  
Base Address:00  
Memory Test:Passed  
Spare Rank:Not  
Chip-Select Bank:Disabled

[DRAM CS Mask 0]  
Address Mask:203E000

[DRAM CS Mask 1]  
Address Mask:00

[DRAM CS Mask 2]  
Address Mask:3E000

[DRAM CS Mask 3]  
Address Mask:00

[DRAM CS Mask 4 [Sub F]]  
Address Mask:00

[DRAM CS Mask 5 [Sub F]]  
Address Mask:00

[DRAM CS Mask 6 [Sub F]]  
Address Mask:00

[DRAM CS Mask 7 [Sub F]]  
Address Mask:00

AMD Hammer - Miscellaneous Control

[General Information]

Device Name:AMD Hammer - Miscellaneous Control  
Original Device Name:AMD Hammer - Miscellaneous Control  
Device Class:Host-to-PCI Bridge  
Revision ID:0  
PCI Address (Bus:Device:Function) Number:0:24:3  
PCI Latency Timer:0  
Hardware ID:PCIIVEN\_1022&DEV\_1103&SUBSYS\_00000000&REV\_00

[System Resources]

Interrupt Line:N/A  
Interrupt Pin:N/A

[Features]

Bus Mastering:Disabled



Running At 66 MHz:Not Capable  
Fast Back-to-Back Transactions:Not Capable

[Driver Information]

Driver Manufacturer:AMD  
Driver Description:AMD Miscellaneous Configuration  
Driver Provider:Microsoft  
Driver Version:6.1.7601.17514  
Driver Date:20-Jun-2006  
DeviceInstanceId PCI\VEN\_1022&DEV\_1103&SUBSYS\_00000000&REV\_00\3&a  
mp;2411E6FE&2&C3  
Location PathsPCIROOT(0)#PCI(1803)

[MCA NB Control]

DRAM Parity Error Reporting [F]:Enabled  
Watchdog Timer Error Reporting:Enabled  
Atomic Read-Modify-Write Error Reporting:Enabled  
GART Table Walk Error Reporting:Disabled  
Target Abort Error Reporting:Enabled  
Master Abort Error Reporting:Enabled  
HyperTransport Link 2 Sync Packet Error Reporting:Enabled  
HyperTransport Link 1 Sync Packet Error Reporting:Enabled  
HyperTransport Link 0 Sync Packet Error Reporting:Enabled  
HyperTransport Link 2 CRC Error Reporting:Enabled  
HyperTransport Link 1 CRC Error Reporting:Enabled  
HyperTransport Link 0 CRC Error Reporting:Enabled  
Uncorrectable ECC Error Reporting:Enabled  
Correctable ECC Error Reporting:Enabled

[MCA NB Configuration]

Sync Flood on DRAM Address Parity Error [F]:Disabled  
Master Abort CPU Error Response [F]:Enabled  
Target Abort CPU Error Response [F]:Enabled  
Northbridge MCA to CPU 0:Enabled  
PCI Configuration CPU Error Response:Disabled  
I/O Read Data Error Log:Disabled  
Chip-Kill ECC Mode:Disabled  
ECC:Disabled  
Sync Flood On Any Error:Disabled  
Sync Flood on Watchdog Timer Error:Enabled  
HyperTransport Link Select for CRC Error Generation:Link 0  
Watchdog Timer Time Base:1 ms  
Watchdog Timer Count:4095  
Watchdog Timer:Enabled  
I/O Error Response:Enabled  
CPU Error Response:Disabled  
I/O Master Abort Error Response:Enabled  
Sync Packet Propagation:Enabled

Sync Packet Generation:Enabled  
Sync Flood on Uncorrectable ECC Error:Disabled  
CPU Read Data Error Log:Disabled  
CPU ECC Error Log:Disabled

[SRI-to-XBAR Buffer Count]

Downstream Posted Request Buffer Count:1  
Downstream Request Buffer Count:1  
Upstream Response Data Buffer Count:1  
Display Refresh Request Buffer Count:3  
Request Data Buffer Count:0  
Upstream Response Buffer Count:1  
Upstream Posted Request Buffer Count:1  
Upstream Request Buffer Count:1

[XBAR-to-SRI Buffer Count]

Downstream Posted Request Buffer Count:1  
Downstream Request Buffer Count:1  
Display Refresh Request Buffer Count:7  
Probe Buffer Count:4  
Upstream Posted Request Buffer Count:2  
Upstream Request Buffer Count:1

[MCT-to-XBAR Buffer Count]

Response Data Buffer Count:8  
Probe Buffer Count:2  
Response Buffer Count:10

[Free List Buffer Count]

SRI to XBAR Free Response Data Buffer Count:2  
SRI to XBAR Free Response Buffer Count:1  
SRI to XBAR Free Request Buffer Count:1  
SRI Free Command Buffer Count:7

[Power Management Control]

Power Management Mode 7 Clock Divisor:64  
Power Management Mode 7 Alternate VID Change:Disabled  
Power Management Mode 7 FID/VID Change:Disabled  
Power Management Mode 7 NB Low Power:Disabled  
Power Management Mode 7 CPU Low Power:Enabled  
Power Management Mode 6 Clock Divisor:16  
Power Management Mode 6 Alternate VID Change:Disabled  
Power Management Mode 6 FID/VID Change:Disabled  
Power Management Mode 6 NB Low Power:Enabled  
Power Management Mode 6 CPU Low Power:Enabled  
Power Management Mode 5 Clock Divisor:64  
Power Management Mode 5 Alternate VID Change:Disabled  
Power Management Mode 5 FID/VID Change:Disabled

Power Management Mode 5 NB Low Power:Disabled  
Power Management Mode 5 CPU Low Power:Enabled  
Power Management Mode 4 Clock Divisor:16  
Power Management Mode 4 Alternate VID Change:Disabled  
Power Management Mode 4 FID/VID Change:Disabled  
Power Management Mode 4 NB Low Power:Enabled  
Power Management Mode 4 CPU Low Power:Enabled  
Power Management Mode 3 Clock Divisor:64  
Power Management Mode 3 Alternate VID Change:Disabled  
Power Management Mode 3 FID/VID Change:Disabled  
Power Management Mode 3 NB Low Power:Enabled  
Power Management Mode 3 CPU Low Power:Enabled  
Power Management Mode 2 Clock Divisor:8  
Power Management Mode 2 Alternate VID Change:Disabled  
Power Management Mode 2 FID/VID Change:Enabled  
Power Management Mode 2 NB Low Power:Enabled  
Power Management Mode 2 CPU Low Power:Enabled  
Power Management Mode 1 Clock Divisor:64  
Power Management Mode 1 Alternate VID Change:Disabled  
Power Management Mode 1 FID/VID Change:Enabled  
Power Management Mode 1 NB Low Power:Enabled  
Power Management Mode 1 CPU Low Power:Enabled  
Power Management Mode 0 Clock Divisor:64  
Power Management Mode 0 Alternate VID Change:Disabled  
Power Management Mode 0 FID/VID Change:Disabled  
Power Management Mode 0 NB Low Power:Disabled  
Power Management Mode 0 CPU Low Power:Enabled

[GART Aperture Control]

GART Table Walk Probes:Enabled  
GART I/O Accesses:Enabled  
GART CPU Accesses:Enabled  
GART Size:32 MBytes  
GART:Disabled

[GART Aperture Base]

GART Aperture Base Address:A000000

[GART Table Base]

GART Table Base Address:AA5415000

[Clock Power/Timing]

HyperTransport CLK PLL Lock Counter:13  
Link Reconnect Delay:10 us  
Clock Ramp Hysteresis:2000 ns  
Time to Drive Sleep VID:0 system clocks  
Good Phase Error:400(B)/200(C) system clocks  
Ramp VID Offset:0 mV

Alternate VID:17

Voltage Regulator Stabilization Time:0 ns

[HyperTransportt FIFO Read Pointer Optimization]

Change Read Pointer For HyperTransport Link 2 Transmitter:Move RdPtr closer to WrPtr by 2  
HyperTransport clock periods

Change Read Pointer For HyperTransport Link 2 Receiver:Move RdPtr closer to WrPtr by 6  
HyperTransport clock periods

Change Read Pointer For HyperTransport Link 1 Transmitter:Move RdPtr closer to WrPtr by 2  
HyperTransport clock periods

Change Read Pointer For HyperTransport Link 1 Receiver:Move RdPtr closer to WrPtr by 6  
HyperTransport clock periods

Change Read Pointer For HyperTransport Link 0 Transmitter:Move RdPtr closer to WrPtr by 2  
HyperTransport clock periods

Change Read Pointer For HyperTransport Link 0 Receiver:Move RdPtr closer to WrPtr by 5  
HyperTransport clock periods

[Thermtrip Status]

Case Temperature Specification (TCaseMax) [Rev E]:Not defined

Diode Offset Sign [Rev E]:Positive

Thermtrip Enabled:Enabled

Thermtrip Sense (Core1):Doesn't occur

Thermtrip Sense (Core0):Doesn't occur

Thermtrip Status:Doesn't occur

[Northbridge Capabilities]

Multi-Core Capability:Dual-Core

HTC (Hardware Thermal Control):Capable

On-chip Memory Controller:Capable

Maximum DRAM Frequency:No limit

Chip-Kill ECC:Not capable

ECC:Not capable

Big MP:Not capable

MP:Not capable

128-Bit DRAM:Capable

Video Adapter

NVIDIA GeForce 7150M

[Video chipset]

Video Chipset:NVIDIA GeForce 7150M

Video Chipset Codename:MCP67  
Video Memory:64 MBytes of SDRAM

[Video Card]

Video Card:NVIDIA GeForce 7150M / nForce 630M [HP]  
Video Bus:PCI  
Video RAMDAC:Integrated RAMDAC  
Video BIOS Version:5.67.32.16.06  
Video Chipset Revision:A2

[Performance]

Graphics Processor Clock:11.4 MHz  
Graphics Memory Bus Width:64-bit  
Number Of ROPs:2  
Number Of Vertex Shaders:1

ASIC Serial Number:0  
NVIDIA SLI Status:Not Present

Resizable BAR Support:Not Supported

Hardware ID:PCI\VEN\_10DE&DEV\_0531&SUBSYS\_30D6103C&REV\_A2  
PCI Location (Bus:Dev:Fnc):0:18:0

[Driver Information]

Driver Manufacturer:NVIDIA  
Driver Description:NVIDIA GeForce 7150M / nForce 630M  
Driver Provider:NVIDIA  
Driver Version:7.15.11.7948 (ForceWare 179.48)  
Driver Date:29-Jan-2009  
DCH/UWD Driver:Not Capable  
DeviceInstanceId PCI\VEN\_10DE&DEV\_0531&SUBSYS\_30D6103C&REV\_A2\3&amp;mp;2411E6FE&2&90  
Location PathsPCIROOT(0)#PCI(1200)

Monitor

Samsung LTN141W1-L04

[General information]

Monitor Name:Samsung LTN141W1-L04  
Monitor Name (Manuf):SAMSUNG LTN141W1-L04  
Serial Number:Unknown  
Date Of Manufacture:Week: 0, Year: 2006  
Monitor Hardware ID:Monitor\SEC4642

Max. Vertical Size:19 cm  
Max. Horizontal Size:30 cm

[Advanced parameters]  
Input Signal:Digital  
Gamma Factor:2.20

[DPMS Modes]  
Standby:Not Supported  
Suspend:Not Supported  
Active Off:Not Supported  
Standard Colour Space (sRGB) Default:Not Supported  
Preferred Timing Mode:Supported  
Default GTF (Continuous Frequency):Not Supported  
DFP 1.x Compatible:No

[Supported Video Modes]  
1280 x 800 303 x 190 mm, Pixel Clock 69.32 MHz

Drives

Floppy Drives

1.44 MB 3 1/2

(S)ATA/ATAPI Drives

WDC WD3200LPVX-75V0TT0

[General Information]  
Drive Controller:Serial ATA 6Gb/s @ 3Gb/s  
Host Controller:IDE Channel  
Drive Model:WDC WD3200LPVX-75V0TT0  
Drive Firmware Revision:01.01A01  
Drive Serial Number:WX41A34W2831  
World Wide Name:50014EE6AF2A44AD  
Drive Capacity:305,245 MBytes (320 GB)  
Drive Capacity [MB]:305245

Media Rotation Rate:5400 RPM  
ATA Major Version Supported:ATA/ATAPI-5, ATA/ATAPI-6, ATA/ATAPI-7, ATA8-ACS, ACS-2  
ATA Transport Version Supported:SATA 3.0

[Drive Geometry]

Number of Cylinders:16383  
Number of Heads:16  
Sectors Per Track:63  
Number of Sectors:16514064  
Total 48-bit LBA Sectors:625142448  
Logical Sector Size:512 Bytes  
Cache Buffer Size:8192 KBytes

[Transfer Modes]

Sectors Per Interrupt:Total: 16, Active: 16  
Max. PIO Transfer Mode:4  
Multiword DMA Mode:Total: 2, Active: -  
Singleword DMA Mode:Total: -, Active: -  
Ultra-DMA Mode:Total: 6 (ATA-133), Active: 6 (ATA-133)  
Max. Multiword DMA Transfer Rate:16.7 MBytes/s  
Max. PIO with IORDY Transfer Rate:16.7 MBytes/s  
Max. PIO w/o IORDY Transfer Rate:16.7 MBytes/s  
Native Command Queuing:Supported, Max. Depth: 32  
TRIM Command:Not Supported

[Device flags]

Fixed Drive:Present  
Removable Drive:Not Present  
Magnetic Storage:Present  
LBA Mode:Supported  
DMA Mode:Supported  
IORDY:Supported  
IORDY Disableable:Supported

[Features]

Write Cache:Present, Active  
S.M.A.R.T. Feature:Present, Active  
Security Feature:Present, Inactive  
Removable Media Feature:Not Present, Disabled  
Power Management:Present, Active  
Advanced Power Management:Present, Active  
Packet Interface:Not Present, Disabled  
Look-Ahead Buffer:Present, Active  
Host Protected Area:Present, Enabled  
Power-Up In Standby:Supported, Inactive  
Automatic Acoustic Management:Not Supported, Inactive  
48-bit LBA:Supported, Active  
Host-Initiated Link Power Management:Supported

Device-Initiated Link Power Management:Supported, Disabled  
In-Order Data Delivery:Not Supported  
Hardware Feature Control:Not Supported  
Software Settings Preservation:Supported, Enabled  
NCQ Autosense:Not Supported  
Link Power State Device Sleep:Not Supported  
Hybrid Information Feature:Not Supported  
Rebuild Assist:Not Supported  
Power Disable:Not Supported  
All Write Cache Non-Volatile:Not Supported  
Extended Number of User Addressable Sectors:Not Supported  
CFast Specification:Not Supported  
NCQ Priority Information:Supported  
Host Automatic Partial to Slumber Transitions:Supported  
Device Automatic Partial to Slumber Transitions:Supported  
NCQ Streaming:Not Supported  
NCQ Queue Management Command:Not Supported  
DevSleep to Reduced Power State:Not Supported  
Out Of Band Management Interface:Not Supported  
Extended Power Conditions Feature:Not Supported  
Sense Data Reporting Feature:Not Supported  
Free-Fall Control Feature:Not Supported  
Write-Read-Verify Feature:Not Supported

[Security]

Security Feature:Supported  
Security Status:Disabled  
Security Locked:Disabled  
Security Frozen:Enabled  
Enhanced Security Erase:Supported  
Sanitize Feature:Not Supported  
Sanitize Device - Crypto Scramble:Not Supported  
Sanitize Device - Overwrite:Not Supported  
Sanitize Device - Block Erase:Not Supported  
Sanitize Device - Antifreeze Lock:Not Supported  
Device Encrypts All User Data:Not Supported  
Trusted Computing:Not Supported

[Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.)]

[01] Raw Read Error Rate:200/51, Worst: 200 (Data = 4,0)  
[03] Spin Up Time:152/21, Worst: 150 (Data = 1383,0)  
[04] Start/Stop Count:100/Always OK, Worst: 100 (Data = 847,0)  
[05] Reallocated Sector Count:200/140, Worst: 200  
[07] Seek Error Rate:200/Always OK, Worst: 200  
[09] Power-On Hours/Cycle Count:97/Always OK, Worst: 97 (2720 hours / 113.3 days)  
[0A] Spin Retry Count:100/Always OK, Worst: 100  
[0B] Calibration Retry Count:100/Always OK, Worst: 100  
[0C] Power Cycle Count:100/Always OK, Worst: 100 (Data = 732,0)



[BF] G-Sense Error Rate:31/Always OK, Worst: 31 (Data = 69,0)  
[C0] Power-Off Retract Count:200/Always OK, Worst: 200 (Data = 51,0)  
[C1] Load/Unload Cycle Count:186/Always OK, Worst: 186 (Data = 44204,0)  
  
[C4] Reallocation Event Count:200/Always OK, Worst: 200  
[C5] Current Pending Sector Count:200/Always OK, Worst: 200  
[C6] Off-Line Uncorrectable Sector Count:100/Always OK, Worst: 253  
[C7] UltraDMA/SATA CRC Error Rate:200/Always OK, Worst: 200  
[C8] Write/Multi-Zone Error Rate:100/Always OK, Worst: 253  
[F0] Head Flying Hours:98/Always OK, Worst: 98 (Data = 2005,0)  
[F1] Lifetime Writes from Host (LBAs Written):200/Always OK, Worst: 200 (Data = 4014819621,1)  
[F2] Lifetime Reads from Host (LBAs Read):200/Always OK, Worst: 200 (Data = 518110108,1)  
[FE] Free Fall Protection:200/Always OK, Worst: 200

## Audio

### NVIDIA MCP67/68 - HDA Controller

Audio Adapter:NVIDIA MCP67/68 - HDA Controller  
Audio Controller Hardware ID:PCI\VEN\_10DE&DEV\_055C&SUBSYS\_30D6103C&REV\_A1

## Network

### NVIDIA MCP67/68 - Ethernet Controller

#### [General information]

Network Card:NVIDIA MCP67/68 - Ethernet Controller  
Vendor Description:NVIDIA nForce MCP Networking Adapter Driver  
MAC Address:00-1D-72-52-DF-06

#### [Capabilities]

Maximum Link Speed:1000 Mbps  
Transmit Buffer Size:775168 Bytes  
Receive Buffer Size:6201344 Bytes  
Hardware ID:PCI\VEN\_10DE&DEV\_054C&SUBSYS\_30D6103C&REV\_A2

#### [Driver Information]

Driver Manufacturer:NVIDIA  
Driver Description:NVIDIA nForce Networking Controller  
Driver Provider:NVIDIA  
Driver Version:65.6.5.0  
Driver Date:05-Mar-2007

DeviceInstanceId PCI\VEN\_10DE&DEV\_054C&SUBSYS\_30D6103C&REV\_A2\3&am  
p;2411E6FE&2&50  
Location PathsPCIROOT(0)#PCI(0A00)

Broadcom 802.11b/g Wireless Network Adapter

[General information]

Network Card:Broadcom 802.11b/g Wireless Network Adapter  
Vendor Description:Microsoft  
MAC Address:00-21-00-06-61-3F

[Capabilities]

Maximum Link Speed:54 Mbps  
Transmit Buffer Size:6201344 Bytes  
Receive Buffer Size:6201344 Bytes  
Hardware ID:PCI\VEN\_14E4&DEV\_4315&SUBSYS\_137C103C&REV\_01

[Driver Information]

Driver Manufacturer:Broadcom  
Driver Description:Broadcom 802.11g Network Adapter  
Driver Provider:Microsoft  
Driver Version:4.176.75.21  
Driver Date:30-Sep-2008  
DeviceInstanceId PCI\VEN\_14E4&DEV\_4315&SUBSYS\_137C103C&REV\_01\4&am  
p;7761BB6&0&0068  
Location PathsPCIROOT(0)#PCI(0D00)#PCI(0000)

Ports

Serial Ports

USB

Standard OpenHCD USB Host Controller

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

Standard OpenHCD USB Host Controller

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

Standard Enhanced PCI to USB Host Controller

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : Chicony Electronics VGA 30fps UVC Webcam

[Device Information]

Device Manufacturer:Chicony Electronics

Product Name:Chicony Electronics VGA 30fps UVC Webcam

Serial Number:

USB Version Supported:2.00

USB Device Speed:USB 2.0 High-speed

Driver Description:USB Composite Device

Hardware ID:USB\VID\_04F2&PID\_B016

[Driver Information]

Driver Manufacturer:(Standard USB Host Controller)

Driver Description:USB Composite Device

Driver Provider:Microsoft

Driver Version:6.1.7601.17514

Driver Date:20-Jun-2006

DeviceInstanceIdUSB\VID\_04F2&PID\_B016\SN0001

Location PathsPCIROOT(0)#PCI(0201)#USBROOT(0)#USB(4)

[Port5] : No Device Connected

Standard Enhanced PCI to USB Host Controller

## Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

## Smart Battery

### Battery #0

#### [General Properties]

Device Name:Primary

Manufacturer Name:Hewlett-Packard

Serial Number:

Unique ID:Hewlett-Packard Primary

Chemistry:Lithium Ion

Designed Capacity:47520 mWh

Full Charged Capacity:19159 mWh

Wear Level:59.7 %

#### [Current Power Status]

Power Status:On AC Power

Current Capacity:19159 mWh (100.0 %)

Current Voltage:12.412 V

