

HWiNFO64 v5.56-3230

Creation Time 23.11.2017 17:49

UZIVATEL-PC

[Current Computer]

Computer Name:	UZIVATEL-PC
Computer Brand Name:	GIGABYTE GA-MA770T-UD3

[Operating System]

Operating System:	Microsoft Windows 7 Ultimate (x64) Build 7601
Service Pack:	Service Pack 1
UEFI Boot:	Not Present

Central Processor(s)

[CPU Unit Count]

Number Of Processor Packages (Physical):	1
Number Of Processor Cores:	2
Number Of Logical Processors:	2

AMD Phenom II X2 550

[General Information]

Processor Name:	AMD Phenom II X2 550
Original Processor Frequency:	3100.0 MHz
Original Processor Frequency [MHz]:	3100
CPU ID:	00100F43
Extended CPU ID:	00100F43
CPU Brand Name:	AMD Phenom(tm) II X2 550 Processor
CPU Vendor:	AuthenticAMD
CPU Stepping:	RB-C3 (Ridgeback)
CPU Code Name:	Callisto
CPU Technology:	45 nm
CPU Thermal Design Power (TDP):	79.8 W
CPU Thermal Design Current (TDC):	62.0 A
CPU Platform:	Socket AM3
Microcode Update Revision:	10000B6
Number of CPU Cores:	2

Number of Logical CPUs: 2

[Operating Points]

CPU HFM (Maximum):	3100.0 MHz = 15.50 x 200.0 MHz @ 1.3750 V
CPU Current:	3114.1 MHz = 15.50 x 200.9 MHz @ 1.3750 V
Northbridge Maximum:	2000.0 MHz = 10.00 x 200.0 MHz @ 1.3750 V
Northbridge Current:	2009.1 MHz = 10.00 x 200.9 MHz @ 1.2000 V

CPU Bus Type:	Hyper-Transport v3.00
Maximum Supported Hyper-Transport Link Clock:	2000 MHz
Current Hyper-Transport Link Clock:	2009 MHz

[Cache and TLB]

L1 Cache:	Instruction: 2 x 64 KBytes, Data: 2 x 64 KBytes
L2 Cache:	Integrated: 2 x 512 KBytes
L3 Cache:	6 MBytes
Instruction TLB:	Fully associative, 32 entries
Data TLB:	Fully associative, 48 entries

[Standard Feature Flags]

FPU on Chip	Present
Enhanced Virtual-86 Mode	Present
I/O Breakpoints	Present
Page Size Extensions	Present
Time Stamp Counter	Present
Pentium-style Model Specific Registers	Present
Physical Address Extension	Present
Machine Check Exception	Present
CMPXCHG8B Instruction	Present
APIC On Chip / PGE (AMD)	Present
Fast System Call	Present
Memory Type Range Registers	Present
Page Global Feature	Present
Machine Check Architecture	Present
CMOV Instruction	Present
Page Attribute Table	Present
36-bit Page Size Extensions	Present
Processor Number	Not Present
CLFLUSH Instruction	Present
Debug Trace and EMON Store	Not Present
Internal ACPI Support	Not Present
MMX Technology	Present
Fast FP Save/Restore (IA MMX-2)	Present
Streaming SIMD Extensions	Present
Streaming SIMD Extensions 2	Present
Self-Snoop	Not Present
Multi-Threading Capable	Present
Automatic Clock Control	Not Present
IA-64 Processor	Not Present
Signal Break on FERR	Not Present
Streaming SIMD Extensions 3	Present
PCLMULQDQ Instruction Support	Not Present
MONITOR/MWAIT Support	Present
Supplemental Streaming SIMD Extensions 3	Not Present
FMA Extension	Not Present
CMPXCHG16B Support	Present
Streaming SIMD Extensions 4.1	Not Present

Streaming SIMD Extensions 4.2	Not Present
x2APIC	Not Present
POPCNT Instruction	Present
AES Cryptography Support	Not Present
XSAVE/XRSTOR/XSETBV/XGETBV Instructions	Not Present
XGETBV/XSETBV OS Enabled	Not Present
AVX Support	Not Present
Half-Precision Convert (CVT16)	Not Present

[Extended Feature Flags]

FPU on Chip	Present
Enhanced Virtual-86 Mode	Present
I/O Breakpoints	Present
Page Size Extensions	Present
Time Stamp Counter	Present
AMD-style Model Specific Registers	Present
Machine Check Exception	Present
CMPXCHG8B Instruction	Present
APIC On Chip	Present
SYSCALL and SYSRET Instructions	Present
Memory Type Range Registers	Present
Page Global Feature	Present
Machine Check Architecture	Present
CMOV Instruction	Present
Page Attribute Table	Present
36-bit Page Size Extensions	Present
Multi-Processing / Brand feature	Not Present
No Execute	Present
MMX Technology	Present
MMX+ Extensions	Present
Fast FP Save/Restore	Present
Fast FP Save/Restore Optimizations	Present
1 GB large page support	Present
RDTSCL Instruction	Present
x86-64 Long Mode	Present
3DNow! Technology Extensions	Present
3DNow! Technology	Present
LAHF/SAHF Long Mode Support	Present
Core Multi-Processing Legacy Mode	Present
Secure Virtual Machine	Present
Extended APIC Register Space	Present
LOCK MOV CR0 Support	Present
Advanced Bit Manipulation	Present
SSE4A Support	Present
Misaligned SSE Mode	Present
PREFETCH(W) Support	Present
OS Visible Work-around Support	Present
Instruction Based Sampling	Present
XOP Instruction Support	Not Present
SKINIT, STGI, and DEV Support	Present
Watchdog Timer Support	Present
TBM0 Instruction Support	Not Present
Lightweight Profiling Support	Not Present
FMA4 Instruction Support	Not Present
Translation Cache Extension	Not Present
NodeId Support	Not Present
Trailing Bit Manipulation	Not Present
Topology Extensions	Not Present
Core Performance Counter Extensions	Not Present
NB Performance Counter Extensions	Not Present
Streaming Performance Monitor Architecture	Not Present
Data Breakpoint Extension	Not Present

Performance Time-Stamp Counter	Not Present
L2I Performance Counter Extensions	Not Present
MWAITX/MONITORX Support	Not Present

[Enhanced Features]

Core Performance Boost	Not Supported
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[Memory Ranges]

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

[MTRRs]

Range 0-80000000 (0MB-2048MB) Type:	Write Back (WB)
Range 80000000-C0000000 (2048MB-3072MB) Type:	Write Back (WB)
Range C0000000-D0000000 (3072MB-3328MB) Type:	Write Back (WB)
Range CFF00000-D0000000 (3327MB-3328MB) Type:	Uncacheable (UC)
Range 100000000-120000000 (4096MB-4608MB) Type:	Write Back (WB)
Range 120000000-130000000 (4608MB-4864MB) Type:	Write Back (WB)

Motherboard

[Computer]

Computer Brand Name:	GIGABYTE GA-MA770T-UD3
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[Motherboard]

Motherboard Model:	GIGABYTE GA-MA770T-UD3
Motherboard Chipset:	AMD 770/870 (RX780) + SB750/SB710
Motherboard Slots:	2xPCI, 1xPCI Express x16
USB Version Supported:	v2.0

[BIOS]

BIOS Manufacturer:	Award Modular BIOS v6.00PG
BIOS Date:	04/14/10
BIOS Version:	F4
UEFI BIOS:	Not Capable
Super-IO/LPC Chip:	ITE IT8720F

ACPI Devices

Procesor AMD

Device Name:	Procesor AMD
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Procesor AMD

Device Name:	Procesor AMD
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Tlačítko rozhraní ACPI s definovanou funkcí

Device Name:	Tlačítko rozhraní ACPI s definovanou funkcí
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Programovatelný řadič přerušení

Device Name:	Programovatelný řadič přerušení
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[Assigned Resources]

I/O Port:	0020 - 0021
IRQ:	65792

[Alternative 1]

I/O Port:	0020 - 0021
I/O Port:	00A0 - 00A1

Systémový časovač

Device Name:	Systémový časovač
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[Assigned Resources]

I/O Port:	0040 - 0043
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[Alternative 1]

I/O Port:	0040 - 0043
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Časovač událostí s vysokou přesností

Device Name:	Časovač událostí s vysokou přesností
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[Assigned Resources]

IRQ:	0
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[Alternative 1]

Memory Location:	FED00000 - FED003FF
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IRQ:	0
IRQ:	8

Řadič přímého přístupu do paměti (DMA)

Device Name:	Řadič přímého přístupu do paměti (DMA)
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[Assigned Resources]

DMA:	4
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[Alternative 1]

I/O Port:	0000 - 000F
I/O Port:	0080 - 0090
I/O Port:	0094 - 009F
I/O Port:	00C0 - 00DF
DMA:	4

Standardní klávesnice PS/2

Device Name:	Standardní klávesnice PS/2
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[Assigned Resources]

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

[Alternative 1]

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

Port tiskárny ECP

Device Name:	Port tiskárny ECP
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[Assigned Resources]

I/O Port:	0378 - 037F
DMA:	0

[Alternative 1]

I/O Port:	0378 - 037F
I/O Port:	0778 - 077B
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7

IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12
DMA:	0
DMA:	1
DMA:	3

[Alternative 2]

I/O Port:	0278 - 027F
I/O Port:	0678 - 067B
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12
DMA:	0
DMA:	1
DMA:	3

[Alternative 3]

I/O Port:	03BC - 03BF
I/O Port:	07BC - 07BF
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12
DMA:	0
DMA:	1
DMA:	3

Komunikační port

Device Name:	Komunikační port
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[Assigned Resources]

I/O Port:	03F8 - 03FF
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[Alternative 1]

I/O Port:	03F8 - 03FF
IRQ:	3
IRQ:	4
IRQ:	5

IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12

[Alternative 2]

I/O Port:	02F8 - 02FF
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12

[Alternative 3]

I/O Port:	03E8 - 03EF
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12

[Alternative 4]

I/O Port:	02E8 - 02EF
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12

Systemový reproduktor

Device Name:	Systemový reproduktor
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[Assigned Resources]

I/O Port:	0061
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[Alternative 1]

I/O Port:	0061
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Sběrnice PCI

Device Name:	Sběrnice PCI
[Assigned Resources]	
I/O Port:	0D00 - FFFF
Memory Location:	000C0000 - 000BFFFF
[Alternative 1]	
I/O Port:	0000 - 0CF7
I/O Port:	0D00 - FFFF
Memory Location:	000A0000 - 000BFFFF
Memory Location:	000C0000 - 000DFFFF
Memory Location:	D0000000 - FEBFFFFF

Systémové hodiny reálného času a obvodu CMOS

Device Name:	Systémové hodiny reálného času a obvodu CMOS
[Assigned Resources]	
I/O Port:	0070 - 0073
[Alternative 1]	
I/O Port:	0070 - 0073

Základní deska

Device Name:	Základní deska
[Assigned Resources]	
Memory Location:	000F0000 - 000F3FFF
Memory Location:	CFEE0000 - CFEEFFFF
Memory Location:	CFEF0000 - CFEFFFFF
[Alternative 1]	
Memory Location:	000F0000 - 000F3FFF
Memory Location:	000F4000 - 000F7FFF
Memory Location:	000F8000 - 000FBFFF
Memory Location:	000FC000 - 000FFFFF
Memory Location:	CFEE0000 - CFEEFFFF
Memory Location:	FFFF0000 - FFFFFFFF
Memory Location:	00000000 - 0009FFFF
Memory Location:	00100000 - CFEDFFFF
Memory Location:	CFEF0000 - CFEFFFFF
Memory Location:	CFF00000 - CFFFFFFF
Memory Location:	FEC00000 - FEC00FFF

Memory Location: FEE00000 - FEE00FFF

Memory Location: FFF80000 - FFFFFFFFFF

Prostředky základní desky

Device Name: Prostředky základní desky

[Assigned Resources]

I/O Port: 0010 - 001F

I/O Port: 0065 - 006F

I/O Port: 00E0 - 00EF

[Alternative 1]

I/O Port: 0010 - 001F

I/O Port: 0022 - 003F

I/O Port: 0044 - 005F

I/O Port: 0062 - 0063

I/O Port: 0065 - 006F

I/O Port: 0074 - 007F

I/O Port: 0091 - 0093

I/O Port: 00A2 - 00BF

I/O Port: 00E0 - 00EF

I/O Port: 04D0 - 04D1

I/O Port: 0220 - 0225

I/O Port: 0290 - 0294

Prostředky základní desky

Device Name: Prostředky základní desky

[Assigned Resources]

I/O Port: 4100 - 411F

I/O Port: 0C00 - 0C01

I/O Port: 0000 - 0C4F

I/O Port: 0C6F

I/O Port: 4000 - 40FE

I/O Port: 0B20 - 0B3F

IRQ: 1114369

[Alternative 1]

I/O Port: 4100 - 411F

I/O Port: 0228 - 022F

I/O Port: 040B

I/O Port: 04D6

I/O Port: 0C00 - 0C01

I/O Port: 0C14

I/O Port: 0C50 - 0C52

I/O Port:	0C6C - 0C6D
I/O Port:	0C6F
I/O Port:	0CD0 - 0CD1
I/O Port:	0CD2 - 0CD3
I/O Port:	0CD4 - 0CDF
I/O Port:	4000 - 40FE
I/O Port:	4210 - 4217
I/O Port:	0B00 - 0B0F
I/O Port:	0B10 - 0B1F
I/O Port:	0B20 - 0B3F
Memory Location:	00000000 - 00000FFF
Memory Location:	FEE00400 - FEE00FFF

Prostředky základní desky

Device Name: Prostředky základní desky

[Assigned Resources]

Memory Location: E0000000 - EFFFFFFF

[Alternative 1]

Memory Location: E0000000 - EFFFFFFF

Numerický datový procesor

Device Name: Numerický datový procesor

[Assigned Resources]

I/O Port: 00F0 - 00FF

[Alternative 1]

I/O Port: 00F0 - 00FF

IRQ: 13

Vypínač rozhraní ACPI

Device Name: Vypínač rozhraní ACPI

Rozhraní WMI (Windows Management Interface) společnosti Microsoft pro standard ACPI

Device Name: Rozhraní WMI (Windows Management Interface) společnosti Microsoft pro standard ACPI

SMBIOS DMI

BIOS

BIOS Vendor:	Award Software International, Inc.
BIOS Version:	F4
BIOS Release Date:	04/14/2010
BIOS Start Segment:	E000
BIOS Size:	1024 KBytes

ISA Support:	Present
MCA Support:	Not Present
EISA Support:	Not Present
PCI Support:	Present
PC Card (PCMCIA) Support:	Not Present
Plug-and-Play Support:	Present
APM Support:	Present
Flash BIOS:	Present
BIOS Shadow:	Present
VL-VESA Support:	Not Present
ESCD Support:	Not Present
Boot from CD:	Present
Selectable Boot:	Present
BIOS ROM Socketed:	Present
Boot from PC Card:	Not Present
EDD Support:	Present
NEC PC-98 Support:	Not Present
ACPI Support:	Present
USB Legacy Support:	Present
AGP Support:	Not Present
I2O Boot Support:	Not Present
LS-120 Boot Support:	Present
ATAPI ZIP Drive Boot Support:	Present
IEEE1394 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

System

System Manufacturer:	Gigabyte Technology Co., Ltd.
Product Name:	GA-MA770T-UD3
Product Version:	
Product Serial Number:	
UUID:	{30464336-3934-4237-3231-3246FFFFFFFF}
SKU Number:	
Family:	

Mainboard

Mainboard Manufacturer:	Gigabyte Technology Co., Ltd.
Mainboard Name:	GA-MA770T-UD3
Mainboard Version:	x.x
Mainboard Serial Number:	

System Enclosure

Manufacturer:	Gigabyte Technology Co., Ltd.
Case Type:	Desktop
Version:	
Serial Number:	
Asset Tag Number:	

Processor

Processor Manufacturer:	AMD
Processor Version:	AMD Phenom(tm) II X2 550 Processor
External Clock:	200 MHz
Maximum Clock Supported:	3200 MHz
Current Clock:	3100 MHz
CPU Socket:	Populated
CPU Status:	Enabled
Processor Type:	Central Processor
Processor Voltage:	1.3 V
Processor Upgrade:	ZIF
Socket Designation:	Socket M2

Internal Cache

Socket Designation:	Internal Cache
Cache State:	Enabled
Cache Type:	Internal
Cache Scheme:	Write-Back
Supported SRAM Type:	Synchronous
Current SRAM Type:	Synchronous
Cache Speed:	Unknown
Error Correction Type:	Unknown
Maximum Cache Size:	128 KBytes
Installed Cache Size:	128 KBytes
Cache Associativity:	Unknown

Internal Cache

Socket Designation:	Internal Cache
Cache State:	Enabled
Cache Type:	Internal
Cache Scheme:	Write-Back
Supported SRAM Type:	Synchronous
Current SRAM Type:	Synchronous
Cache Speed:	Unknown
Error Correction Type:	Unknown
Maximum Cache Size:	128 KBytes
Installed Cache Size:	128 KBytes
Cache Associativity:	Unknown

External Cache

Socket Designation:	External Cache
Cache State:	Enabled
Cache Type:	Internal
Cache Scheme:	Write-Back
Supported SRAM Type:	Synchronous
Current SRAM Type:	Synchronous
Cache Speed:	Unknown
Error Correction Type:	Unknown
Maximum Cache Size:	512 KBytes
Installed Cache Size:	512 KBytes
Cache Associativity:	Unknown

External Cache

Socket Designation:	External Cache
Cache State:	Disabled
Cache Type:	Internal

Cache Scheme:	Write-Through
Supported SRAM Type:	Synchronous
Current SRAM Type:	Synchronous
Cache Speed:	Unknown
Error Correction Type:	Unknown
Maximum Cache Size:	1024 KBytes
Installed Cache Size:	0 KBytes
Cache Associativity:	Unknown

BIOS Language

n|US|iso8859-1 <Active>
n|US|iso8859-1
r|CA|iso8859-1

System Boot Information

Boot Status:	No error occured
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Memory Devices

Memory Controller

Error Detecting Method:	64-bit ECC
Error Correction:	None
Supported Interleave:	1-Way
Current Interleave:	1-Way
Max. Memory Module Size:	1024 MBytes
Supported Memory Speed:	70 ns, 60 ns
Supported Memory Type:	SPM, EDO
Supported Memory Voltage:	3.3 V
Associated Memory Slots:	4

A0

Socket Designation:	A0
Memory Type:	EDO
Memory Speed:	53 ns
Installed size:	4096 MBytes

Enabled size:	4096 MBytes
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A1

Socket Designation:	A1
Memory Type:	EDO
Memory Speed:	144 ns
Installed size:	Not installed
Enabled size:	Not installed

A2

Socket Designation:	A2
Memory Type:	EDO
Memory Speed:	53 ns
Installed size:	Not installed
Enabled size:	Not installed

A3

Socket Designation:	A3
Memory Type:	EDO
Memory Speed:	144 ns
Installed size:	Not installed
Enabled size:	Not installed

Physical Memory Array

Array Location:	System board
Array Use:	System memory
Error Detecting Method:	None
Memory Capacity:	16 GBytes
Memory Devices:	4

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	4096 MBytes
Device Form Factor:	DIMM

Device Locator:	A0
Bank Locator:	Bank0/1
Device Type:	Unknown
Device Type Detail:	
Memory Speed:	1333 MHz
Manufacturer:	
Serial Number:	
Part Number:	
Asset Tag:	

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	0 MBytes
Device Form Factor:	DIMM
Device Locator:	A1
Bank Locator:	Bank2/3
Device Type:	Unknown
Device Type Detail:	
Memory Speed:	400 MHz
Manufacturer:	
Serial Number:	
Part Number:	
Asset Tag:	

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	0 MBytes
Device Form Factor:	DIMM
Device Locator:	A2
Bank Locator:	Bank4/5
Device Type:	Unknown
Device Type Detail:	
Memory Speed:	1333 MHz
Manufacturer:	
Serial Number:	
Part Number:	
Asset Tag:	

Memory Device

Total Width:	64 bits
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Data Width:	64 bits
Device Size:	0 MBytes
Device Form Factor:	DIMM
Device Locator:	A3
Bank Locator:	Bank6/7
Device Type:	Unknown
Device Type Detail:	
Memory Speed:	400 MHz
Manufacturer:	
Serial Number:	
Part Number:	
Asset Tag:	

Memory Array Mapped Address

Starting Address:	00000000
Ending Address:	003FFFFFF
Partition Width:	1

Memory Device Mapped Address

Starting Address:	00000000
Ending Address:	003FFFFFF
Partition Row Position:	1
Interleave Position:	Non-interleaved
Interleave Data Depth:	0

Memory Device Mapped Address

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

Memory Device Mapped Address

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

Memory Device Mapped Address

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

Port Connectors

Port Connector

Port Type:	Unknown
Internal Reference:	PRIMARY IDE
Internal Connector Type:	On Board IDE
External Reference:	
External Connector Type:	None

8251 FIFO Compatible

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

Serial Port 16450 Compatible

Port Type:	Serial Port 16450 Compatible
Internal Reference:	COM1
Internal Connector Type:	9 Pin Dual Inline (pin 10 cut)
External Reference:	
External Connector Type:	DB-9 pin male

Serial Port 16450 Compatible

Port Type:	Serial Port 16450 Compatible
Internal Reference:	COM2
Internal Connector Type:	9 Pin Dual Inline (pin 10 cut)
External Reference:	
External Connector Type:	DB-9 pin male

Parallel Port ECP/EPP

Port Type:	Parallel Port ECP/EPP
Internal Reference:	LPT1
Internal Connector Type:	DB25 pin female
External Reference:	
External Connector Type:	DB25 pin female

Keyboard Port

Port Type:	Keyboard Port
Internal Reference:	Keyboard
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	PS/2

Mouse Port

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

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

USB

Port Type:	USB
Internal Reference:	USB
Internal Connector Type:	None
External Reference:	
External Connector Type:	Access Bus (USB)

System Slots

PCI

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

PCI

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

PCI Express x16

Slot Designation:	PCI Express x16
Slot Type:	PCI Express
Slot Usage:	Unknown
Slot Data Bus Width:	16x / x16
Slot Length:	Unknown

Memory

[General information]

Total Memory Size:	4 GBytes
Total Memory Size [MB]:	4096

[Current Performance Settings]

Maximum Supported Memory Clock:	666.7 MHz
Current Memory Clock:	669.7 MHz
Current Timing (tCAS-tRCD-tRP-tRAS):	9-9-9-24
Memory Runs At:	Single-Channel

Command Rate:	1T
Read to Read Delay (tRD_RD) Different Rank:	4T
Write to Write Delay (tWR_WR) Different Rank:	3T
Write to Read Delay (tWR_RD) Same Rank (tWTR):	5T
Write to Precharge Delay (tWTP):	21T
Write Recovery Time (tWR):	10T
RAS# to RAS# Delay (tRRD):	4T
Row Cycle Time (tRC):	33T
Four Activate Window (tFAW):	20T

Row: 0 - 4 GB PC3-12800 DDR3 SDRAM A-DATA Technology

[General Module Information]

Module Number:	0
Module Size:	4 GBytes
Memory Type:	DDR3 SDRAM
Module Type:	Unbuffered DIMM (UDIMM)
Memory Speed:	800.0 MHz (DDR3-1600 / PC3-12800)
Module Manufacturer:	A-DATA Technology
Module Part Number:	
Module Revision:	0
Module Serial Number:	5299
Module Manufacturing Date:	Year: 2016, Week: 16
Module Manufacturing Location:	0
SDRAM Manufacturer:	Unknown
Error Check/Correction:	None

[Module characteristics]

Row Address Bits:	16
Column Address Bits:	10
Number Of Banks:	8
Module Density:	4096 Mb
Number Of Ranks:	1
Device Width:	8 bits
Bus Width:	64 bits
Module Nominal Voltage (VDD):	1.5 V

[Module timing]

Minimum SDRAM Cycle Time (tCKmin):	1.250 ns
CAS# Latencies Supported:	5, 6, 7, 8, 9, 10, 11
Minimum CAS# Latency Time (tAmin):	13.125 ns
Minimum RAS# to CAS# Delay (tRCDmin):	13.125 ns

Minimum Row Precharge Time (tRPmin):	13.125 ns
Minimum Active to Precharge Time (tRASmin):	35.000 ns
Supported Module Timing at 800.0 MHz:	11-11-11-28
Supported Module Timing at 733.3 MHz:	10-10-10-26
Supported Module Timing at 666.7 MHz:	9-9-9-24
Supported Module Timing at 600.0 MHz:	8-8-8-21
Supported Module Timing at 533.3 MHz:	7-7-7-19
Supported Module Timing at 466.7 MHz:	7-7-7-17
Supported Module Timing at 400.0 MHz:	6-6-6-14
Supported Module Timing at 333.3 MHz:	5-5-5-12
Minimum Write Recovery Time (tWRmin):	15.000 ns
Minimum Row Active to Row Active Delay (tRRDmin):	6.000 ns
Minimum Active to Active/Refresh Time (tRCmin):	48.125 ns
Minimum Refresh Recovery Time Delay (tRFCmin):	260.000 ns
Minimum Internal Write to Read Command Delay (tWTRmin):	7.500 ns
Minimum Internal Read to Precharge Command Delay (tRTPmin):	7.500 ns
Minimum Four Activate Window Delay Time (tFAWmin):	30.000 ns

[Features]

Partial Array Self Refresh (PASR):	Not Supported
On-die Thermal Sensor (ODTS) Readout:	Not Supported
Auto Self Refresh (ASR):	Supported
Extended Temperature 1X Refresh Rate:	Not Supported
Extended Temperature Range:	Supported
Module Temperature Sensor:	Not Supported
Pseudo Target Row Refresh (pTRR):	Not Supported
Module Nominal Height:	29 - 30 mm
Module Maximum Thickness (Front):	1 - 2 mm
Module Maximum Thickness (Back):	1 - 2 mm

Bus

PCI Bus #0

ATI/AMD RX780 - Host Bridge

[General Information]

Device Name:	ATI/AMD RX780 - Host Bridge
Original Device Name:	ATI/AMD RX780 - Host Bridge
Device Class:	Host-to-PCI Bridge
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:0:0
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_5957&SUBSYS_59571002&REV_00

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	N/A
Memory Base Address 3	E0000000

[Features]

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

[Driver Information]

Driver Manufacturer:	(Standardní systémová zařízení)
Driver Description:	Most standardu PCI hostitelského procesoru
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_5957&SUBSYS_59571002&REV_00\3&2B8E0B4B&0&00

ATI/AMD RD790 - External Graphics0 Port A

[General Information]

Device Name:	ATI/AMD RD790 - External Graphics0 Port A
Original Device Name:	ATI/AMD RD790 - External Graphics0 Port A
Device Class:	PCI-to-PCI Bridge
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:2:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_5978&SUBSYS_00000000&REV_00

[PCI Express]

Version:	2.0
Maximum Link Width:	16x
Current Link Width:	16x
Maximum Link Speed:	5.0 GT/s
Current Link Speed:	5.0 GT/s
Device/Port Type:	Root Port of PCI Express Root Complex
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:	< 64 ns
L1 Exit Latency:	< 1 us

[System Resources]

Interrupt Line:	IRQ18
Interrupt Pin:	INTA#

[Features]

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

[Driver Information]

Driver Manufacturer:	(Standardní systémová zařízení)
Driver Description:	Most standardu PCI mezi sběrnici PCI
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_5978&SUBSYS_59571002&REV_00\3&2B8E0B4B&0&10

PCI Express x16 Bus #1

ASUS EAH6670

[General Information]

Device Name:	ASUS EAH6670
Original Device Name:	ATI/AMD Radeon HD 7670/6670 (TURKS XT)
Device Class:	VGA Compatible Adapter
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	1:0:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_6758&SUBSYS_04431043&REV_00

[PCI Express]

Version:	2.0
Maximum Link Width:	16x
Current Link Width:	16x
Maximum Link Speed:	5.0 GT/s
Current Link Speed:	5.0 GT/s
Device/Port Type:	Legacy PCI Express Endpoint
Slot Implemented:	No
Emergency Power Reduction:	Not Supported
Active State Power Management (ASPM) Support:	L0s and L1
Active State Power Management	Disabled

(ASPM) Status:	
L0s Exit Latency:	< 64 ns
L1 Exit Latency:	< 1 us

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
Memory Base Address 0	D0000000
Memory Base Address 2	FDFC0000
I/O Base Address 4	EE00

[Features]

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

[Driver Information]

Driver Manufacturer:	Advanced Micro Devices, Inc.
Driver Description:	AMD Radeon HD 6670
Driver Provider:	Advanced Micro Devices, Inc.
Driver Version:	15.200.1062.1004 (Catalyst 15.7.1)
Driver Date:	03-Aug-2015
DeviceInstanceId	PCI\VEN_1002&DEV_6758&SUBSYS_04431043&REV_00\4&16E802F4&0&0010

ATI/AMD Turks/Whistler/Onega/Lombok/Thames - High Definition Audio Controller

[General Information]

Device Name:	ATI/AMD Turks/Whistler/Onega/Lombok/Thames - High Definition Audio Controller
Original Device Name:	ATI/AMD Turks/Whistler/Onega/Lombok/Thames - High Definition Audio Controller
Device Class:	Mixed mode device
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	1:0:1
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_AA90&SUBSYS_AA901043&REV_00

[PCI Express]

Version:	2.0
Maximum Link Width:	16x
Current Link Width:	16x
Maximum Link Speed:	5.0 GT/s
Current Link Speed:	5.0 GT/s
Device/Port Type:	Legacy 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:	< 64 ns
L1 Exit Latency:	< 1 us

[System Resources]

Interrupt Line:	IRQ19
Interrupt Pin:	INTB#
Memory Base Address 0	FDFFC000

[Features]

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

[Driver Information]

Driver Manufacturer:	Microsoft
Driver Description:	Řadič High Definition Audio
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	19-Nov-2010
DeviceInstanceId	PCI\VEN_1002&DEV_AA90&SUBSYS_AA901043&REV_00\4&16E802F4&0&0110

ATI/AMD RD790 - PCI Express Port F

[General Information]

Device Name:	ATI/AMD RD790 - PCI Express Port F
Original Device Name:	ATI/AMD RD790 - PCI Express Port F
Device Class:	PCI-to-PCI Bridge
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:10:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_597F&SUBSYS_00000000&REV_00

[PCI Express]

Version:	2.0
Maximum Link Width:	1x
Current Link Width:	1x
Maximum Link Speed:	5.0 GT/s
Current Link Speed:	2.5 GT/s
Device/Port Type:	Root Port of PCI Express Root Complex
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:	< 64 ns
L1 Exit Latency:	< 1 us

[System Resources]

Interrupt Line:	IRQ18
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Interrupt Pin: INTA#

[Features]

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

[Driver Information]

Driver Manufacturer: (Standardní systémová zařízení)
Driver Description: Most standardu PCI mezi sběrnici PCI
Driver Provider: Microsoft
Driver Version: 6.1.7601.17514
Driver Date: 21-Jun-2006
DeviceInstanceId: PCI\VEN_1002&DEV_597F&SUBSYS_59571002&REV_00\3&2B8E0B4B&0&50

PCI Express x1 Bus #2

RealTek Semiconductor RTL8168C/8111C PCI-E Gigabit Ethernet Adapter

[General Information]

Device Name: RealTek Semiconductor RTL8168C/8111C PCI-E Gigabit Ethernet Adapter
Original Device Name: RealTek Semiconductor RTL8168C/8111C PCI-E Gigabit Ethernet Adapter
Device Class: Ethernet Adapter
Revision ID: 2
PCI Address (Bus:Device:Function) Number: 2:0:0
PCI Latency Timer: 0
Hardware ID: PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_02

[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: 256 - 512 ns
L1 Exit Latency: 32 - 64 us

[System Resources]

Interrupt Line:	IRQ18
Interrupt Pin:	INTA#
I/O Base Address 0	DE00
Memory Base Address 2	FDBFF000
Memory Base Address 4	FDBE0000

[Features]

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

[Driver Information]

Driver Manufacturer:	Realtek
Driver Description:	Realtek PCIe GBE Family Controller
Driver Provider:	Realtek
Driver Version:	7.112.811.2017
Driver Date:	11-Aug-2017
DeviceInstanceId	PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_02\4&39F2AC9F&0&0050

ATI/AMD SP5100 (SB700) - SATA (Native IDE) Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700) - SATA (Native IDE) Controller
Original Device Name:	ATI/AMD SP5100 (SB700) - SATA (Native IDE) Controller
Device Class:	IDE Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:17:0
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4390&SUBSYS_B0021458&REV_00

[System Resources]

Interrupt Line:	IRQ22
Interrupt Pin:	INTA#
I/O Base Address 0	FF00
I/O Base Address 1	FE00
I/O Base Address 2	FD00
I/O Base Address 3	FC00
I/O Base Address 4	FB00
Memory Base Address 5	FE02F000

[Features]

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

[Driver Information]

Driver Manufacturer:	Advanced Micro Devices
Driver Description:	AMD SATA Controller (IDE Mode)
Driver Provider:	Advanced Micro Devices

Driver Version:	5.2.2.179
Driver Date:	04-Dec-2012
DeviceInstanceId	PCI\VEN_1002&DEV_4390&SUBSYS_B0021458&REV_00\3&2B8E0B4B&0&88

ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Device Class:	USB OHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:18:0
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4397&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ16
Interrupt Pin:	INTA#
Memory Base Address 0	FE02E000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	1.0

[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Standardní hostitelský řadič USB OpenHCD
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_4397&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&90

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Device Class:	USB OHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:18:1
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4398&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ16
Interrupt Pin:	INTA#
Memory Base Address 0	FE02D000

[Features]

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

USB Version Supported:	1.0
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[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Standardní hostitelský řadič USB OpenHCD
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_4398&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&91

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

ATI/AMD SP5100 (SB700/SB800) - USB 2.0 EHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB 2.0 EHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB 2.0 EHCI Controller
Device Class:	USB EHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:18:2
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4396&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ17
Interrupt Pin:	INTB#
Memory Base Address 0	FE02C000

[Features]

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

USB Version Supported:	2.0
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[Driver Information]

Driver Manufacturer:	AMD
Driver Description:	Standard Enhanced PCI to USB Host Controller
Driver Provider:	AMD
Driver Version:	1.0.0.5
Driver Date:	30-Mar-2010
DeviceInstanceId	PCI\VEN_1002&DEV_4396&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&92

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

[Port6] : No Device Connected

ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Device Class:	USB OHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:19:0
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4397&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ18
Interrupt Pin:	INTA#
Memory Base Address 0	FE02B000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	1.0

[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Standardní hostitelský řadič USB OpenHCD
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_4397&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&98

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Device Class:	USB OHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:19:1
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4398&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ18
Interrupt Pin:	INTA#
Memory Base Address 0	FE02A000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Capable

Fast Back-to-Back Transactions: Capable

USB Version Supported: 1.0

[Driver Information]

Driver Manufacturer: (Standardní hostitelský řadič USB)
Driver Description: Standardní hostitelský řadič USB OpenHCD
Driver Provider: Microsoft
Driver Version: 6.1.7601.18251
Driver Date: 21-Jun-2006
DeviceInstanceId: PCI\VEN_1002&DEV_4398&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&99

USB Root Hub

[Port1] : No Device Connected

[Port2] : Složené zařízení USB

[Device Information]

Device Manufacturer: Holtek Microelectronics
Product Name:
Serial Number:
USB Version Supported: 2.00
USB Device Speed: USB 1.1 Low-speed
Driver Description: Složené zařízení USB
Hardware ID: USB\VID_04D9&PID_A06B

[Driver Information]

Driver Manufacturer: (Standardní hostitelský řadič USB)
Driver Description: Složené zařízení USB
Driver Provider: Microsoft
Driver Version: 6.1.7601.18251
Driver Date: 21-Jun-2006
DeviceInstanceId: USB\VID_04D9&PID_A06B\5&11EF70DE&0&2

[Port3] : Složené zařízení USB

[Device Information]

Device Manufacturer: Logitech
Product Name: USB Receiver
Serial Number: N/A

USB Version Supported:	2.00
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	Složené zařízení USB
Hardware ID:	USB\VID_046D&PID_C534

[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Složené zařízení USB
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_046D&PID_C534\5&11EF70DE&0&3

ATI/AMD SP5100 (SB700/SB800) - USB 2.0 EHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB 2.0 EHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB 2.0 EHCI Controller
Device Class:	USB EHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:19:2
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4396&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ19
Interrupt Pin:	INTB#
Memory Base Address 0	FE029000

[Features]

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

USB Version Supported:	2.0
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[Driver Information]

Driver Manufacturer:	AMD
Driver Description:	Standard Enhanced PCI to USB Host Controller
Driver Provider:	AMD
Driver Version:	1.0.0.5
Driver Date:	30-Mar-2010
DeviceInstanceId	PCI\VEN_1002&DEV_4396&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&9A

USB Root Hub

[Port1] : Alcor Micro USB 2.0 Card Reader

[Device Information]

Device Manufacturer:	Generic
Product Name:	Mass Storage Device
Serial Number:	920321111113
USB Version Supported:	2.00
USB Device Speed:	USB 2.0 High-speed
Driver Description:	Alcor Micro USB 2.0 Card Reader
Hardware ID:	USB\VID_058F&PID_6377

[Driver Information]

Driver Manufacturer:	Alcor Micro, Corp.
Driver Description:	Alcor Micro USB 2.0 Card Reader
Driver Provider:	Alcor Micro, Corp.
Driver Version:	1.0.145.40103
Driver Date:	11-Apr-2016
DeviceInstanceId	USB\VID_058F&PID_6377\920321111113

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

[Port6] : No Device Connected

ATI/AMD SP5100 (SB700) - SMBus and ACPI Controller [A14]

[General Information]

Device Name:	ATI/AMD SP5100 (SB700) - SMBus and ACPI Controller [A14]
Original Device Name:	ATI/AMD SP5100 (SB700) - SMBus and ACPI Controller [A14]
Device Class:	SMBus (System Management Bus)
Revision ID:	3C
PCI Address (Bus:Device:Function) Number:	0:20:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_4385&SUBSYS_43851458&REV_3C

[System Resources]

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

[Features]

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

[Driver Information]

Driver Manufacturer:	Advanced Micro Devices, Inc
Driver Description:	AMD SMBus
Driver Provider:	Advanced Micro Devices, Inc
Driver Version:	5.12.0.31
Driver Date:	18-Jan-2015
DeviceInstanceId	PCI\VEN_1002&DEV_4385&SUBSYS_43851458&REV_3C\3&2B8E0B4B&0&A0

ATI/AMD SP5100 (SB700) - IDE Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700) - IDE Controller
Original Device Name:	ATI/AMD SP5100 (SB700) - IDE Controller
Device Class:	IDE Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:20:1
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_439C&SUBSYS_50021458&REV_00

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
I/O Base Address 0	0
I/O Base Address 1	0
I/O Base Address 2	0
I/O Base Address 3	0
I/O Base Address 4	FA00

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Capable

Fast Back-to-Back Transactions:	Not Capable
[Driver Information]	
Driver Manufacturer:	Advanced Micro Devices
Driver Description:	AMD PCI IDE Controller
Driver Provider:	Advanced Micro Devices
Driver Version:	5.2.2.179
Driver Date:	04-Dec-2012
DeviceInstanceId	PCI\VEN_1002&DEV_439C&SUBSYS_50021458&REV_00\3&2B8E0B4B&0&A1

ATI/AMD SB600 - High Definition Audio Controller

[General Information]

Device Name:	ATI/AMD SB600 - High Definition Audio Controller
Original Device Name:	ATI/AMD SB600 - High Definition Audio Controller
Device Class:	Mixed mode device
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:20:2
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4383&SUBSYS_A0221458&REV_00

[System Resources]

Interrupt Line:	IRQ16
Interrupt Pin:	INTA#
Memory Base Address 0	FE024000

[Features]

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

[Driver Information]

Driver Manufacturer:	Microsoft
Driver Description:	Řadič High Definition Audio
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	19-Nov-2010
DeviceInstanceId	PCI\VEN_1002&DEV_4383&SUBSYS_A0221458&REV_00\3&2B8E0B4B&0&A2

ATI/AMD SP5100 (SB700) - LPC Bridge

[General Information]

Device Name:	ATI/AMD SP5100 (SB700) - LPC Bridge
Original Device Name:	ATI/AMD SP5100 (SB700) - LPC Bridge
Device Class:	PCI-to-ISA Bridge
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:20:3

PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_439D&SUBSYS_439D1002&REV_00
[System Resources]	
Interrupt Line:	N/A
Interrupt Pin:	N/A
[Features]	
Bus Mastering:	Enabled
Running At 66 MHz:	Capable
Fast Back-to-Back Transactions:	Not Capable
[Driver Information]	
Driver Manufacturer:	(Standardní systémová zařízení)
Driver Description:	Most mezi sběrnicemi PCI a ISA
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_439D&SUBSYS_439D1002&REV_00\3&2B8E0B4B&0&A3

ATI/AMD SB600/SB700 - PCI-to-PCI Host Bridge

[General Information]	
Device Name:	ATI/AMD SB600/SB700 - PCI-to-PCI Host Bridge
Original Device Name:	ATI/AMD SB600/SB700 - PCI-to-PCI Host Bridge
Device Class:	PCI-to-PCI Bridge
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:20:4
PCI Latency Timer:	64
Hardware ID:	PCI\VEN_1002&DEV_4384&SUBSYS_00000000&REV_00
[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:	ATI
Driver Description:	Řadič sběrnice PCI procesoru ATI I/O Communications Processor
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_4384&SUBSYS_00000000&REV_00\3&2B8E0B4B&0&A4

PCI Bus #3

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

[General Information]

Device Name:	Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller
Original Device Name:	Texas Instruments TSB43AB23 1394A-2000 OHCI PHY/Link-Layer Controller
Device Class:	Firewire (IEEE 1394) Serial Bus
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	3:14:0
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_104C&DEV_8024&SUBSYS_10001458&REV_00

[System Resources]

Interrupt Line:	IRQ22
Interrupt Pin:	INTA#
Memory Base Address 0	FDDFF000
Memory Base Address 1	FDDF8000

[Features]

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

[Driver Information]

Driver Manufacturer:	Texas Instruments
Driver Description:	Hostitelský řadič Texas Instruments pro rozhraní OHCI standardu 1394
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_104C&DEV_8024&SUBSYS_10001458&REV_00\4&C9A676E&0&70A4

ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller

[General Information]

Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Original Device Name:	ATI/AMD SP5100 (SB700/SB800) - USB OHCI Controller
Device Class:	USB OHCI Controller
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:20:5
PCI Latency Timer:	32
Hardware ID:	PCI\VEN_1002&DEV_4399&SUBSYS_50041458&REV_00

[System Resources]

Interrupt Line:	IRQ18
Interrupt Pin:	INTC#
Memory Base Address 0	FE028000

[Features]

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

USB Version Supported:	1.0
------------------------	-----

[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Standardní hostitelský řadič USB OpenHCD
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1002&DEV_4399&SUBSYS_50041458&REV_00\3&2B8E0B4B&0&A5

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

AMD Family 10h CPU - HyperTransport Technology Configuration

[General Information]

Device Name:	AMD Family 10h CPU - HyperTransport Technology Configuration
Original Device Name:	AMD Family 10h CPU - 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_1200&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: (Standardní systémová zařízení)
Driver Description: Most standardu PCI hostitelského procesoru
Driver Provider: Microsoft
Driver Version: 6.1.7601.17514
Driver Date: 21-Jun-2006
DeviceInstanceId: PCI\VEN_1022&DEV_1200&SUBSYS_00000000&REV_00\3&2B8E0B4B&0&C0

AMD Family 10h CPU - Address Map

[General Information]

Device Name: AMD Family 10h CPU - Address Map
Original Device Name: AMD Family 10h CPU - 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_1201&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: (Standardní systémová zařízení)
Driver Description: Most standardu PCI hostitelského procesoru
Driver Provider: Microsoft
Driver Version: 6.1.7601.17514
Driver Date: 21-Jun-2006
DeviceInstanceId: PCI\VEN_1022&DEV_1201&SUBSYS_00000000&REV_00\3&2B8E0B4B&0&C1

AMD Family 10h CPU - DRAM Controller

[General Information]

Device Name: AMD Family 10h CPU - DRAM Controller
Original Device Name: AMD Family 10h CPU - 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_1202&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:	(Standardní systémová zařízení)
Driver Description:	Most standardu PCI hostitelského procesoru
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1022&DEV_1202&SUBSYS_00000000&REV_00\3&2B8E0B4B&0&C2

AMD Family 10h CPU - Miscellaneous Control

[General Information]	
Device Name:	AMD Family 10h CPU - Miscellaneous Control
Original Device Name:	AMD Family 10h CPU - 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:	PCI\VEN_1022&DEV_1203&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:	(Standardní systémová zařízení)
Driver Description:	Most standardu PCI hostitelského procesoru
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1022&DEV_1203&SUBSYS_00000000&REV_00\3&2B8E0B4B&0&C3

[Northbridge Capabilities]

Internal Node Number:	Node0
Multi-Node Capability:	Not Capable
L3 Cache:	Present
Link3 Unganging:	Not Enabled
Link2 Unganging:	Not Enabled
Link1 Unganging:	Not Enabled
Link0 Unganging:	Not Enabled
Multi-Processor Capability:	1 CPU
Multiple VID Plane Capability:	Capable
Multi-Core Capability:	Dual-Core
Link Error-Retry:	Capable
Hardware Thermal Control (HTC):	Capable
SVM:	Capable
On-chip Memory Controller:	Present
Maximum DRAM Frequency:	667 MHz
Chip-Kill ECC:	Capable
ECC:	Capable
Eight-Node Multi-Processor (Big-MP):	Not Capable
Dual-Node Multi-Processor (MP):	Not Capable
Dual-Channel (128-Bit) DRAM:	Capable

AMD Family 10h CPU - Link Control

[General Information]

Device Name:	AMD Family 10h CPU - Link Control
Original Device Name:	AMD Family 10h CPU - Link Control
Device Class:	Host-to-PCI Bridge
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	0:24:4
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1022&DEV_1204&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:	(Standardní systémová zařízení)
Driver Description:	Most standardu PCI hostitelského procesoru
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_1022&DEV_1204&SUBSYS_00000000&REV_00\3&2B8E0B4B&0&C4

Video Adapter

AMD Radeon HD 7670/6670

[Video chipset]

Video Chipset:	AMD Radeon HD 7670/6670
Video Chipset Codename:	TURKS XT
Video Memory:	2048 MBytes of DDR3 SDRAM [Nanya]

[Video Card]

Video Card:	ASUS EAH6670
Video Bus:	PCIe v2.0 x16 (5.0 GT/s) @ x16 (5.0 GT/s)
Video RAMDAC:	Internal DAC(400MHz)
Video BIOS Version:	013.012.000.041.000000

[Performance]

Processor Clock:	100.0 MHz
Memory Clock:	150.0 MHz (Effective 300.0 MHz)
Memory Bus Width:	128-bit
Number Of ROPs:	16
Number Of Unified Shaders:	480
Number Of TMUs (Texture Mapping Units):	24
ASIC Quality:	61.9 %
Hardware ID:	PCI\VEN_1002&DEV_6758&SUBSYS_04431043&REV_00
PCI Location (Bus:Dev:Fnc):	1:00:0

[Driver Information]

Driver Manufacturer:	Advanced Micro Devices, Inc.
Driver Description:	AMD Radeon HD 6670
Driver Provider:	Advanced Micro Devices, Inc.
Driver Version:	15.200.1062.1004 (Catalyst 15.7.1)
Driver Date:	03-Aug-2015
DeviceInstanceId	PCI\VEN_1002&DEV_6758&SUBSYS_04431043&REV_00\4&16E802F4&0&0010

Monitor

Acer X203H

[General information]

Monitor Name:	Acer X203H
Monitor Name (Manuf):	ACER X203H

Serial Number:	LFK080284200
Date Of Manufacture:	Week: 39, Year: 2009
Monitor Hardware ID:	Monitor\ACR0097

Max. Vertical Size:	25 cm
Max. Horizontal Size:	44 cm
Horizontal Frequency:	31 - 80 kHz
Vertical Frequency:	56 - 75 Hz
Maximum Pixel Clock:	160 MHz

[Advanced parameters]

Input Signal:	Analog: 0.700 V / 0.000 V (0.700 V p-p)
Display Type:	RGB color
Gamma Factor:	2.20

[DPMS Modes]

Standby:	Not Supported
Suspend:	Not Supported
Active Off:	Supported
Standard Colour Space:	Not Supported
Preferred Timing Mode:	Supported
Default GTF Supported:	Not Supported

[DPMS Input Signal]

Serration VSync:	Not Supported
Sync On Green:	Not Supported
Composite Sync:	Not Supported
Separate Syncs:	Supported
Blank-to-black Setup:	Not Supported

[Supported Video Modes]

1152 x 864	75 Hz
1280 x 960	60 Hz
1280 x 1024	60 Hz
1280 x 720	60 Hz
1280 x 800	60 Hz
1600 x 900	443 x 249 mm, Pixel Clock 97.75 MHz

Drives

(S)ATA/ATAPI Drives

WDC WD5000AAKS-00UU3A0

[General Information]

Drive Controller:	Serial ATA 3Gb/s
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Drive Model:	WDC WD5000AAKS-00UU3A0
Drive Revision:	01.03B01
Drive Serial Number:	WD-WCAYU6172355
World Wide Name:	50014EE130F2B2C
Drive Capacity:	476,940 MBytes (500 GB)
Drive Capacity [MB]:	476940
ATA Major Version Supported:	ATA/ATAPI-5, ATA/ATAPI-6, ATA/ATAPI-7, ATA8-ACS
ATA Transport Version Supported:	SATA 2.6

[Drive Geometry]

Number of Cylinders:	16383
Number of Heads:	16
Sectors Per Track:	63
Number Of ECC Bytes:	50
Number of Sectors:	16514064
Total 32-bit LBA Sectors:	268435455
Total 48-bit LBA Sectors:	976773168
Logical Sector Size:	512 Bytes
Cache Buffer Size:	16384 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
Transfer Width:	16-bit
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:	Not Present, Inactive
Packet Interface:	Not Present, Disabled
Look-Ahead Buffer:	Present, Active
Host Protected Area:	Present, Enabled
Power-Up In Standby:	Supported, Inactive
Automatic Acoustic Management:	Supported, Inactive
48-bit LBA:	Supported, Active
Host-Initiated Link Power Management:	Supported
Device-Initiated Link Power Management:	Not Supported
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:	Not Supported
Device Automatic Partial to Slumber Transitions:	Not Supported
NCQ Streaming:	Not Supported
NCQ Queue Management Command:	Not Supported
DevSleep to Reduced Power State:	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 = 55,0)
[03] Spin Up Time:	138/21, Worst: 135 (Data = 4100,0)
[04] Start/Stop Count:	96/Always OK, Worst: 96 (Data = 4777,0)
[05] Reallocated Sector Count:	200/140, Worst: 200
[07] Seek Error Rate:	100/Always OK, Worst: 253
[09] Power-On Hours/Cycle Count:	71/Always OK, Worst: 71 (21242 hours / 2.42 years)
[0A] Spin Retry Count:	100/Always OK, Worst: 100
[0B] Calibration Retry Count:	100/Always OK, Worst: 100
[0C] Power Cycle Count:	96/Always OK, Worst: 96 (Data = 4736,0)
[C0] Power-Off Retract Count:	200/Always OK, Worst: 200 (Data = 133,0)
[C1] Load/Unload Cycle Count:	199/Always OK, Worst: 199 (Data = 4643,0)
[C2] Temperature	111/Always OK, Worst: 101 (32.0 °C)
[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:	200/Always OK, Worst: 200
[C7] UltraDMA/SATA CRC Error Rate:	200/Always OK, Worst: 200 (Data = 1,0)
[C8] Write/Multi-Zone Error Rate:	200/Always OK, Worst: 200

HL-DT-ST DVD-RAM GH22NS50

[General information]

Drive Model:	HL-DT-ST DVD-RAM GH22NS50
Drive Revision:	TN02
Firmware Date:	2010-02-26 12:34:56
Serial Number:	K2KA6GC3539
Device Type:	DVD+R DL

[Device capabilities]

Drive can read:	CD-R, DVD-R, DVD-RW, DVD+R, DVD+RW, DVD-RAM, DVD+R DL
Drive can write:	CD-R, DVD-R, DVD-RW, DVD+R, DVD+RW, DVD-RAM, DVD+R DL

Audio

ATI/AMD SB600 - High Definition Audio Controller

Audio Adapter: **ATI/AMD SB600 - High Definition Audio Controller**

Audio Controller Hardware ID: PCI\VEN_1002&DEV_4383&SUBSYS_A0221458&REV_00

High Definition Audio Codec: RealTek ALC888

Audio Codec Hardware ID: HDAUDIO\FUNC_01&VEN_10EC&DEV_0888&SUBSYS_00000000

[Driver Information]

Driver Manufacturer: Realtek

Driver Description: Realtek High Definition Audio

Driver Provider: Realtek Semiconductor Corp.

Driver Version: 6.0.1.8186

Driver Date: 14-Jun-2017

DeviceInstanceID: HDAUDIO\FUNC_01&VEN_10EC&DEV_0888&SUBSYS_1458E601&REV_1000\4&8EDDAE4&0&0001

ATI/AMD Turks/Whistler/Onega/Lombok/Thames - High Definition Audio Controller

Audio Adapter: **ATI/AMD Turks/Whistler/Onega/Lombok/Thames - High Definition Audio Controller**

Audio Controller Hardware ID: PCI\VEN_1002&DEV_AA90&SUBSYS_AA901043&REV_00

High Definition Audio Codec: ATi RADEON HDMI

Audio Codec Hardware ID: HDAUDIO\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00000000

[Driver Information]

Driver	Advanced Micro Devices
Manufacturer:	
Driver	AMD High Definition Audio Device
Description:	
Driver Provider:	Advanced Micro Devices
Driver Version:	7.12.0.7723
Driver Date:	21-Mar-2016
DeviceInstanceId	HDAUDIO\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_1002\5&29021B68&0&0001

Network

RealTek Semiconductor RTL8168C/8111C PCI-E Gigabit Ethernet Adapter

[General information]

Network Card:	RealTek Semiconductor RTL8168C/8111C PCI-E Gigabit Ethernet Adapter
Vendor Description:	Realtek PCIe GBE Family Controller
MAC Address:	6C-F0-49-7B-21-2F

[Capabilities]

Maximum Link Speed:	100 Mbps
Transmit Buffer Size:	193792 Bytes
Receive Buffer Size:	775168 Bytes
Hardware ID:	PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_02

[Driver Information]

Driver Manufacturer:	Realtek
Driver Description:	Realtek PCIe GBE Family Controller
Driver Provider:	Realtek
Driver Version:	7.112.811.2017
Driver Date:	11-Aug-2017
DeviceInstanceId	PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_02\4&39F2AC9F&0&0050

Ports

Serial Ports

Parallel Ports

USB

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

[Port6] : No Device Connected

Standard Enhanced PCI to USB Host Controller

Root Hub

[Port1] : Alcor Micro USB 2.0 Card Reader

[Device Information]

Device Manufacturer:	Generic
Product Name:	Mass Storage Device
Serial Number:	920321111113
USB Version Supported:	2.00
USB Device Speed:	USB 2.0 High-speed
Driver Description:	Alcor Micro USB 2.0 Card Reader
Hardware ID:	USB\VID_058F&PID_6377

[Driver Information]

Driver Manufacturer:	Alcor Micro, Corp.
Driver Description:	Alcor Micro USB 2.0 Card Reader
Driver Provider:	Alcor Micro, Corp.
Driver Version:	1.0.145.40103
Driver Date:	11-Apr-2016
DeviceInstanceId	USB\VID_058F&PID_6377\920321111113

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port5] : No Device Connected

[Port6] : No Device Connected

Standardní hostitelský řadič USB OpenHCD

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

Standardní hostitelský řadič USB OpenHCD

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

Standardní hostitelský řadič USB OpenHCD

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

Standardní hostitelský řadič USB OpenHCD

Root Hub

[Port1] : No Device Connected

[Port2] : Složené zařízení USB

[Device Information]

Device Manufacturer:	Holtek Microelectronics
Product Name:	
Serial Number:	
USB Version Supported:	2.00
USB Device Speed:	USB 1.1 Low-speed
Driver Description:	Složené zařízení USB
Hardware ID:	USB\VID_04D9&PID_A06B

[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Složené zařízení USB
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_04D9&PID_A06B\5&11EF70DE&0&2

[Port3] : Složené zařízení USB

[Device Information]

Device Manufacturer:	Logitech
Product Name:	USB Receiver
Serial Number:	N/A
USB Version Supported:	2.00
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	Složené zařízení USB
Hardware ID:	USB\VID_046D&PID_C534

[Driver Information]

Driver Manufacturer:	(Standardní hostitelský řadič USB)
Driver Description:	Složené zařízení USB
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18251
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_046D&PID_C534\5&11EF70DE&0&3

Standardní hostitelský řadič USB OpenHCD

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected
