

HWiNFO32 v7.02-4430

Creation Time 17.04.2021 15:27

- Content:
- CPU
 - Motherboard
 - Memory
 - Bus
 - Video
 - Monitor
 - Drives
 - Audio
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PC-BILGISAYAR

[Current Computer]

Computer Name:	PC-BILGISAYAR
Computer Description:	-----
Computer Brand Name:	GIGABYTE 945GCM-S2L
[Operating System]	
Operating System:	Microsoft Windows 7 Ultimate Build 7601
Service Pack:	Service Pack 1
UEFI Boot:	Not Present
Secure Boot:	Not Present
Current User Name:	pc

Central Processor(s)

[CPU Unit Count]

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

Intel Pentium Dual Core E2180

[General Information]

Processor Name:	Intel Pentium Dual Core E2180
Original Processor Frequency:	2000.0 MHz
Original Processor Frequency [MHz]:	2000
CPU ID:	000006FD
CPU Brand Name:	Intel(R) Pentium(R) Dual CPU E2180 @ 2.00GHz
CPU Vendor:	GenuineIntel
CPU Stepping:	M0
CPU Code Name:	Conroe-1M
CPU Technology:	65 nm
CPU S-Spec:	SLA8Y
CPU Thermal Design Power (TDP):	65 W
CPU Max. Case Temperature (Tcase_max):	73.2 °C
CPU Max. Junction Temperature (Tj,max):	90 °C
CPU Type:	Production Unit
CPU Platform:	LGA775 (FC-LGA6)
Microcode Update Revision:	A3

Number of CPU Cores:	2
Number of Logical CPUs:	2

[Operating Points]

CPU LFM (Minimum):	1200.0 MHz = 6 x 200.0 MHz @ 1.1875 V
CPU HFM (Base):	2000.0 MHz = 10 x 200.0 MHz @ 1.3250 V [Locked]
CPU Current:	2000.3 MHz = 10 x 200.0 MHz @ 1.3250 V
CPU Bus Type:	FSB (QDR)

[Cache and TLB]

L1 Cache:	Instruction: 2 x 32 KBytes, Data: 2 x 32 KBytes
L2 Cache:	Integrated: 1 MBytes
Instruction TLB:	4 KB Pages, 4-way set associative, 128 entries
Data TLB:	4 MB Pages, 4-way set associative, 32 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	Present
Internal ACPI Support	Present
MMX Technology	Present
Fast FP Save/Restore (IA MMX-2)	Present
Streaming SIMD Extensions	Present
Streaming SIMD Extensions 2	Present
Self-Snoop	Present
Multi-Threading Capable	Present
Automatic Clock Control	Present
IA-64 Processor	Not Present
Signal Break on FERR	Present
Virtual Machine Extensions (VMX)	Not Present
Safer Mode Extensions (Intel TXT)	Not Present
Streaming SIMD Extensions 3	Present
Supplemental Streaming SIMD Extensions 3	Present
Streaming SIMD Extensions 4.1	Not Present
Streaming SIMD Extensions 4.2	Not Present
AVX Support	Not Present
Fused Multiply Add (FMA)	Not Present
Carryless Multiplication (PCLMULQDQ)/GFMUL	Not Present
CMPXCHG16B Support	Present
MOVBE Instruction	Not Present
POPCNT Instruction	Not Present
XSAVE/XRSTOR/XSETBV/XGETBV Instructions	Not Present
XGETBV/XSETBV OS Enabled	Not Present
Float16 Instructions	Not Present
AES Cryptography Support	Not Present
Random Number Read Instruction (RDRAND)	Not Present
Extended xAPIC	Not Present
MONITOR/MWAIT Support	Present
Thermal Monitor 2	Present
Enhanced SpeedStep Technology	Present
L1 Context ID	Not Present
Send Task Priority Messages Disabling	Present
Processor Context ID	Not Present
Direct Cache Access	Not Present
TSC-deadline Timer	Not Present
Performance/Debug Capability MSR	Present

IA32 Debug Interface Support	Not Present
64-Bit Debug Store	Present
CPL Qualified Debug Store	Present
[Extended Feature Flags]	
64-bit Extensions	Present
RDTSCP and TSC_AUX Support	Not Present
1 GB large page support	Not Present
No Execute	Present
SYSCALL/SYSRET Support	Not Present
Bit Manipulation Instructions Set 1	Not Present
Bit Manipulation Instructions Set 2	Not Present
Advanced Vector Extensions 2 (AVX2)	Not Present
Advanced Vector Extensions 512 (AVX-512)	Not Present
AVX-512 Prefetch Instructions	Not Present
AVX-512 Exponential and Reciprocal Instructions	Not Present
AVX-512 Conflict Detection Instructions	Not Present
AVX-512 Doubleword and Quadword Instructions	Not Present
AVX-512 Byte and Word Instructions	Not Present
AVX-512 Vector Length Extensions	Not Present
AVX-512 52-bit Integer FMA Instructions	Not Present
Secure Hash Algorithm (SHA) Extensions	Not Present
Software Guard Extensions (SGX) Support	Not Present
Supervisor Mode Execution Protection (SMEP)	Not Present
Supervisor Mode Access Prevention (SMAP)	Not Present
Hardware Lock Elision (HLE)	Not Present
Restricted Transactional Memory (RTM)	Not Present
Memory Protection Extensions (MPX)	Not Present
Read/Write FS/GS Base Instructions	Not Present
Enhanced Performance String Instruction	Not Present
INVPCID Instruction	Not Present
RDSEED Instruction	Not Present
Multi-precision Add Carry Instructions (ADX)	Not Present
PCOMMIT Instructions	Not Present
CLFLUSHOPT Instructions	Not Present
CLWB Instructions	Not Present
TSC_THREAD_OFFSET	Not Present
Platform Quality of Service Monitoring (PQM)	Not Present
Platform Quality of Service Enforcement (PQE)	Not Present
FPU Data Pointer updated only on x87 Exceptions	Not Present
Deprecated FPU CS and FPU DS	Not Present
Intel Processor Trace	Not Present
PREFETCHWT1 Instruction	Not Present
AVX-512 Vector Bit Manipulation Instructions	Not Present
AVX-512 Vector Bit Manipulation Instructions 2	Not Present
AVX-512 Galois Fields New Instructions	Not Present
AVX-512 Vector AES	Not Present
AVX-512 Vector Neural Network Instructions	Not Present
AVX-512 Bit Algorithms	Not Present
AVX-512 Carry-Less Multiplication Quadword (VPCLMULQDQ)	Not Present
AVX-512 Vector POPCNT (VPOPCNTD/VPOPCNTQ)	Not Present
User-Mode Instruction Prevention	Not Present
Protection Keys for User-mode Pages	Not Present
OS Enabled Protection Keys	Not Present
Wait and Pause Enhancements (WAITPKG)	Not Present
Total Memory Encryption	Not Present
Key Locker	Not Present
57-bit Linear Addresses, 5-level Paging	Not Present
Read Processor ID	Not Present
Cache Line Demote	Not Present
MOVDIRI: Direct Stores	Not Present
MOVDIR64B: Direct Stores	Not Present
ENQCMD: Enqueue Stores	Not Present
SGX Launch Configuration	Not Present
Protection Keys for Supervisor-Mode Pages	Not Present
Control-Flow Enforcement Technology (CET) Shadow Stack	Not Present
AVX-512 4 x Vector Neural Network Instructions Word Variable Precision	Not Present
AVX-512 4 x Fused Multiply Accumulation Packed Single Precision	Not Present
Fast Short REP MOV	Not Present
User Interrupts	Not Present
AVX-512 VP2INTERSECT Support	Not Present
AVX-512 FP16	Not Present
MD_CLEAR Support	Not Present
SERIALIZE	Not Present
Hybrid Processor	Not Present
TSX Suspend Load Address Tracking	Not Present

Platform Configuration (PCONFIG)	Not Present
Indirect Branch Restricted Speculation (IBRS), Indirect Branch Predictor Barrier (IBPB)	Not Present
Single Thread Indirect Branch Predictors (STIBP)	Not Present
L1D_FLUSH Support	Not Present
IA32_ARCH_CAPABILITIES MSR	Not Present
IA32_CORE_CAPABILITIES MSR	Not Present
Speculative Store Bypass Disable (SSBD)	Not Present
Control-Flow Enforcement Technology (CET) Indirect Branch Tracking	Not Present
Advanced Matrix Extensions (AMX) Tile Architecture	Not Present
Advanced Matrix Extensions (AMX) bfloat16 Support	Not Present
Advanced Matrix Extensions (AMX) 8-bit Integer Operations	Not Present
AVX (VEX-encoded) Vector Neural Network Instructions	Not Present
AVX-512 BFLOAT16 Instructions	Not Present
Fast Zero-Length MOVSB	Not Present
Fast Short STOSB	Not Present
Fast Short CMPSB, SCASB	Not Present
History Reset	Not Present
Linear Address Masking	Not Present
[Enhanced Features]	
Thermal Monitor 1:	Supported, Enabled
Thermal Monitor 2:	Supported, Enabled
Enhanced Intel SpeedStep (GV3):	Supported, Enabled
Bi-directional PROCHOT#:	Enabled
Extended Auto-HALT State C1E:	Enabled
MLC Streamer Prefetcher	Not Supported
MLC Spatial Prefetcher	Not Supported
DCU Streamer Prefetcher	Not Supported
DCU IP Prefetcher	Not Supported
Intel Dynamic Acceleration (IDA) Technology:	Not Supported
Intel Dynamic FSB Switching:	Not Supported
Intel Turbo Boost Technology:	Not Supported
Programmable Ratio Limits:	Not Supported
Programmable TDC/TDP Limits:	Not Supported
Hardware Duty Cycling:	Not Supported
[Memory Ranges]	
Maximum Physical Address Size:	36-bit (64 GBytes)
Maximum Virtual Address Size:	48-bit (256 TBytes)
[MTRRs]	
Range 0-80000000 (0MB-2048MB) Type:	Write Back (WB)

Motherboard

[Computer]	
Computer Brand Name:	GIGABYTE 945GCM-S2L
[Motherboard]	
Motherboard Model:	GIGABYTE 945GCM-S2L
Motherboard Chipset:	Intel 945GC (Lakeport-GC) + ICH7
Motherboard Slots:	2xPCI, 2xPCI Express x1, 1xPCI Express x16
PCI Express Version Supported:	v1.1
USB Version Supported:	v2.0
[ICH7 Features]	
Intel Active Management Technology (iAMT):	Supported
Intel Quick Resume Technology (Energy Lake):	Not Supported
SATA AHCI:	Not Supported
SATA RAID0/1/10:	Not Supported
SATA RAID5:	Not Supported
6 PCI Express x1 Ports:	Not Supported
[BIOS]	
BIOS Manufacturer:	Award Modular BIOS v6.00PG
BIOS Date:	03/25/2008
BIOS Version:	F6
UEFI BIOS:	Not Capable

ACPI Devices

ACPI Sabit Özellik Düğmesi

Device Name: ACPI Sabit Özellik Düğmesi

Intel İşlemcisi

Device Name: Intel İşlemcisi

Intel İşlemcisi

Device Name: Intel İşlemcisi

Intel(R) 82802 Üretici Yazılımı Hub Aygıtı

Device Name: Intel(R) 82802 Üretici Yazılımı Hub Aygıtı

[Assigned Resources]

Memory Location: FFB80000 - FFBFFFFFF

[Alternative 1]

Memory Location: FFB80000 - FFBFFFFFF

Programlanabilir kesme denetleyicisi

Device Name: Programlanabilir kesme denetleyicisi

[Assigned Resources]

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

[Alternative 1]

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

Sistem süreölçeri

Device Name: Sistem süreölçeri

[Assigned Resources]

I/O Port: 0040 - 0043
IRQ: 0

[Alternative 1]

I/O Port:	0040 - 0043
IRQ:	0

Doğrudan bellek erişimi denetleyicisi

Device Name:	Doğrudan bellek erişimi denetleyicisi
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[Assigned Resources]

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

[Alternative 1]

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

Standart PS/2 Klavye

Device Name:	Standart PS/2 Klavye
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[Assigned Resources]

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

[Alternative 1]

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

Yazıcı Bağlantı Noktası

Device Name:	Yazıcı Bağlantı Noktası
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[Assigned Resources]

I/O Port:	0378 - 037F
IRQ:	7

[Alternative 1]

I/O Port:	0378 - 037F
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12

[Alternative 2]

I/O Port:	0278 - 027F
IRQ:	3
IRQ:	4
IRQ:	5
IRQ:	7
IRQ:	9
IRQ:	10
IRQ:	11
IRQ:	12

[Alternative 3]

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

İletişim Bağlantı Noktası

Device Name:	İletişim Bağlantı Noktası
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[Assigned Resources]

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

[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

Standart disket denetleyicisi

Device Name:	Standart disket denetleyicisi
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[Assigned Resources]

I/O Port:	03F0 - 03F5
I/O Port:	03F7
IRQ:	6
DMA:	2

[Alternative 1]

I/O Port:	03F0 - 03F5
I/O Port:	03F7
IRQ:	6
DMA:	2

Sistem hoparlörü

Device Name:	Sistem hoparlörü
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[Assigned Resources]

I/O Port:	0061
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[Alternative 1]

I/O Port:	0061
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PCI veri yolu

Device Name:	PCI veri yolu
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[Assigned Resources]

I/O Port:	0000 - 0CF7
I/O Port:	0D00 - FFFF
Memory Location:	000A0000 - 000BFFFF
Memory Location:	000C0000 - 000DFFFF
Memory Location:	80000000 - FEBFFFFF

[Alternative 1]

I/O Port:	0000 - 0CF7
I/O Port:	0D00 - FFFF
Memory Location:	000A0000 - 000BFFFF
Memory Location:	000C0000 - 000DFFFF
Memory Location:	80000000 - FEBFFFFF

Sistem CMOS/gerçek zaman saati

Device Name:	Sistem CMOS/gerçek zaman saati
[Assigned Resources]	
I/O Port:	0070 - 0073
IRQ:	8

[Alternative 1]	
I/O Port:	0070 - 0073
IRQ:	8

Sistem kartı

Device Name:	Sistem kartı
[Assigned Resources]	
Memory Location:	000CF200 - 000CFFFF
Memory Location:	000F0000 - 000F7FFF
Memory Location:	000F8000 - 000FBFFF
Memory Location:	000FC000 - 000FFFFF
Memory Location:	7FFF0000 - 7FFFFFFF
Memory Location:	00000000 - 0009FFFF
Memory Location:	00100000 - 7FFEFFFF
Memory Location:	FEC00000 - FEC00FFF
Memory Location:	FED13000 - FED1DFFF
Memory Location:	FED20000 - FED8FFFF
Memory Location:	FEE00000 - FEE00FFF
Memory Location:	FFB00000 - FFB7FFFF
Memory Location:	FFF00000 - FFFFFFFF
Memory Location:	000E0000 - 000EFFFF

[Alternative 1]	
Memory Location:	000CF200 - 000CFFFF
Memory Location:	000F0000 - 000F7FFF
Memory Location:	000F8000 - 000FBFFF
Memory Location:	000FC000 - 000FFFFF
Memory Location:	7FFF0000 - 7FFFFFFF
Memory Location:	00000000 - 0009FFFF
Memory Location:	00100000 - 7FFEFFFF
Memory Location:	FEC00000 - FEC00FFF
Memory Location:	FED13000 - FED1DFFF
Memory Location:	FED20000 - FED8FFFF
Memory Location:	FEE00000 - FEE00FFF
Memory Location:	FFB00000 - FFB7FFFF
Memory Location:	FFF00000 - FFFFFFFF
Memory Location:	000E0000 - 000EFFFF

Anakart kaynakları

Device Name:	Anakart kaynakları
[Assigned Resources]	
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:	0290 - 029F
I/O Port:	0800 - 087F
I/O Port:	0290 - 0294
I/O Port:	0880 - 088F

[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:	0290 - 029F
I/O Port:	0800 - 087F
I/O Port:	0290 - 0294
I/O Port:	0880 - 088F

Anakart kaynakları

Device Name:	Anakart kaynakları
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[Assigned Resources]

I/O Port:	0400 - 04BF
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[Alternative 1]

I/O Port:	0400 - 04BF
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Anakart kaynakları

Device Name:	Anakart kaynakları
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[Assigned Resources]

Memory Location:	F0000000 - F3FFFFFF
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[Alternative 1]

Memory Location:	F0000000 - F3FFFFFF
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Sayısal veri işlemcisi

Device Name:	Sayısal veri işlemcisi
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[Assigned Resources]

I/O Port:	00F0 - 00FF
IRQ:	13

[Alternative 1]

I/O Port:	00F0 - 00FF
IRQ:	13

ACPI Güç Düğmesi

Device Name:	ACPI Güç Düğmesi
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SMBIOS DMI

BIOS

BIOS Vendor:	Award Software International, Inc.
BIOS Version:	F6
BIOS Release Date:	03/25/2008
BIOS Start Segment:	E000
BIOS Size:	512 KBytes
ISA Support:	Not 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:	Not 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
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:	Gigabyte Technology Co., Ltd.
Product Name:	945GCM-S2L
Product Version:	
Product Serial Number:	

SKU Number:
Family:

Mainboard

Mainboard Manufacturer:	Gigabyte Technology Co., Ltd.
Mainboard Name:	945GCM-S2L
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:	Intel
Processor Version:	Intel(R) Pentium(R) Dual CP
External Clock:	200 MHz
Maximum Clock Supported:	4000 MHz
Current Clock:	2000 MHz
CPU Socket:	Populated
CPU Status:	Enabled
Processor Type:	Central Processor
Processor Voltage:	1.3 V
Processor Upgrade:	Socket 478
Socket Designation:	Socket 775

Internal Cache

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

External Cache

Socket Designation:	External Cache
Cache State:	Enabled
Cache Location:	Internal

Cache Type:	L2
Cache Scheme:	Write-Back
Supported SRAM Type:	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

BIOS Language

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

System Boot Information

Boot Status:	No error occurred
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Unknown

Memory Devices

Memory Controller

Error Detecting Method:	8-bit Parity
Error Correction:	None
Supported Interleave:	1-Way
Current Interleave:	1-Way
Max. Memory Module Size:	1024 MBytes
Supported Memory Speed:	
Supported Memory Type:	
Supported Memory Voltage:	5 V
Associated Memory Slots:	2

A0

Socket Designation:	A0
Memory Type:	DIMM, SDRAM
Memory Speed:	Unknown
Installed size:	1024 MBytes
Enabled size:	1024 MBytes

A1

Socket Designation:	A1
Memory Type:	DIMM, SDRAM
Memory Speed:	Unknown
Installed size:	1024 MBytes
Enabled size:	1024 MBytes

Physical Memory Array

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

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	1024 MBytes
Device Form Factor:	DIMM
Device Locator:	A0
Bank Locator:	Bank0/1
Device Type:	Unknown
Device Type Detail:	
Memory Speed:	667 MHz
Manufacturer:	None
Serial Number:	None
Part Number:	None
Asset Tag:	None

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	1024 MBytes
Device Form Factor:	DIMM
Device Locator:	A1
Bank Locator:	Bank2/3
Device Type:	Unknown
Device Type Detail:	
Memory Speed:	667 MHz
Manufacturer:	None
Serial Number:	None
Part Number:	None
Asset Tag:	None

Memory Array Mapped Address

Starting Address:	00000000
Ending Address:	001FFFFFF
Partition Width:	1

Memory Device Mapped Address

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

Memory Device Mapped Address

Starting Address:	00100000
Ending Address:	001FFFFF
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

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
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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)

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

Memory

[General information]

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

[Current Performance Settings]

Current Memory Clock:	333.4 MHz (5 : 3 ratio)
Current Timing (tCAS-tRCD-tRP-tRAS):	5-5-5-15
Memory Channels Supported:	2
Memory Channels Active:	2 (Interleaved)

Read to Read Delay (tRD_RD) Different Rank:	6T
Write to Write Delay (tWR_WR) Different Rank:	6T
Read to Write Delay (tRD_WR) Same Rank:	9T
Write to Read Delay (tWR_RD) Same Rank (tWTR):	11T
Write to Read Delay (tWR_RD) Different Rank:	5T
Read to Precharge Delay (tRTP):	5T
Write to Precharge Delay (tWTP):	24T
Write Recovery Time (tWR):	13T
Refresh Cycle Time (tRFC):	43T

Row: 0 - 1 GB PC2-5300 DDR2-SDRAM Unknown SHTYGD2L648F124667

[General Module Information]

Module Number:	0
Module Size:	1 GBytes
Memory Type:	DDR2-SDRAM
Module Type:	Regular Unbuffered (UDIMM)
Error Check/Correction:	None
Memory Speed:	333.3 MHz (PC2-5300)
Module Manufacturer:	Unknown
Module Part Number:	SHTYGD2L648F124667
Module Serial Number:	N/A
Module Manufacturing Date:	Unknown

[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

Row: 2 - 1 GB PC2-5300 DDR2-SDRAM Unknown 1GBULURTXLBB

[General Module Information]

Module Number:	2
Module Size:	1 GBytes
Memory Type:	DDR2-SDRAM
Module Type:	Regular Unbuffered (UDIMM)
Error Check/Correction:	None
Memory Speed:	333.3 MHz (PC2-5300)
Module Manufacturer:	Unknown
Module Part Number:	1GBULURTXLBB
Module Serial Number:	1247365697
Module Manufacturing Date:	Year: 2016, Week: 8

[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):	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):	127.50 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

PCI Bus #0

Intel 82945G(Z) Memory Controller Hub [A-2]

[General Information]

Device Name:	Intel 82945G(Z) Memory Controller Hub [A-2]
Original Device Name:	Intel 82945G(Z) Memory Controller Hub [A-2]
Device Class:	Host-to-PCI Bridge
Revision ID:	2
PCI Address (Bus:Device:Function) Number:	0:0:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_2770&SUBSYS_50001458&REV_02

[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:	Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 945G/GZ/GC/P/PL İşlemci - G/Ç Denetleyicisi - 2770
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceID	PCI\VEN_8086&DEV_2770&SUBSYS_50001458&REV_02\3&13C0B0C5&0&00
Location Paths	PCIROOT(0)#PCI(0000)
Egress Port Base Address:	FED19000
(G)MCH Memory Mapped Base Address:	FED14000
PCI Express Base Address:	F0000000
DMI Root Complex Base Address:	FED18000

[GMCH Graphics Control [945Gx only]]

Graphics Mode Select:	No memory pre-allocated
IGD VGA:	Disabled

[Device Enable]

PCIEXBAR:	Disabled
DMIBAR:	Disabled
MCHBAR:	Disabled
EPBAR:	Disabled
Internal Graphics Engine 1 [945G only]:	Disabled
Internal Graphics Engine 0 [945G only]:	Disabled
PCI Express Graphics Port:	Enabled
Host Bridge:	Enabled

[Programmable Attribute Map]

Segment F000-FFFF:	Read-only
Segment C000-C3FF:	Read-only
Segment C400-C7FF:	Read-only
Segment C800-CBFF:	Read-only
Segment CC00-CFFF:	Read-only
Segment D000-D3FF:	No access
Segment D400-D7FF:	No access
Segment D800-DBFF:	No access
Segment DC00-DFFF:	No access
Segment E000-E3FF:	No access
Segment E400-E7FF:	No access

Segment E800-EBFF:	No access
Segment EC00-EFFF:	No access
[Legacy Access Control]	
Hole Enable:	None
MDA:	Absent
[Top of Low Usable DRAM]	
Top of Low Usable DRAM:	80000000
[System Management RAM Control]	
SMM Space Open:	Disabled
SMM Space Closed:	Disabled
SMM Space Locked:	Disabled
Global SMRAM Enable:	Enabled
Compatible SMM Space Base Segment:	A0000h-BFFFFh
[Extended System Management RAM Control]	
High SMRAM (H_SMRAM_EN):	Disabled
SMRAM Cacheable:	Enabled
L1 Cache for SMRAM:	Enabled
L2 Cache for SMRAM:	Enabled
TSEG size:	1 MB
TSEG Status:	Disabled

Intel 82945G PCI Express Graphics Root [A-2]

[General Information]	
Device Name:	Intel 82945G PCI Express Graphics Root [A-2]
Original Device Name:	Intel 82945G PCI Express Graphics Root [A-2]
Device Class:	PCI-to-PCI Bridge
Revision ID:	2
PCI Address (Bus:Device:Function) Number:	0:1:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_2771&SUBSYS_00000000&REV_02
[PCI Express]	
Version:	1.1
Maximum Link Width:	16x
Current Link Width:	16x
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:	75.000 W
Emergency Power Reduction:	Not Supported
Active State Power Management (ASPM) Support:	L0s
Active State Power Management (ASPM) Status:	Disabled
L0s Exit Latency:	128 - 256 ns
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:	IRQ16
Interrupt Pin:	INTA#
[Features]	
Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 945G/GZ/GC/P/PL PCI Express Kök Bağlantı Noktası - 2771
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_2771&SUBSYS_50001458&REV_02\3&13C0B0C5&0&08
Location Paths	PCIROOT(0)#PCI(0100)

PCI Express x16 Bus #1

Sapphire Radeon HD 4450

[General Information]

Device Name:	Sapphire Radeon HD 4450
Original Device Name:	ATI/AMD Radeon HD 4350/4450/4520 (RV710)
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_954F&SUBSYS_4450174B&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:	2.5 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
Maximum Payload Size Supported:	128 bytes
Maximum Payload Size:	128 bytes
Resizable BAR Support:	Not Supported

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
Memory Base Address 0	C0000000
Memory Base Address 2	D1000000
I/O Base Address 4	9000

[Features]

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

[Driver Information]

Driver Manufacturer:	ATI Technologies Inc.
Driver Description:	ATI Radeon HD 4300 Series
Driver Provider:	ATI Technologies Inc.
Driver Version:	8.632.1.2000
Driver Date:	17-Aug-2009
DCH/UWD Driver:	Not Capable
DeviceInstanceId	PCI\VEN_1002&DEV_954F&SUBSYS_4450174B&REV_00\4&3CE708&0&0008
Location Paths	PCIROOT(0)#PCI(0100)#PCI(0000)

ATI/AMD RV730 - High Definition Audio Controller

[General Information]

Device Name:	ATI/AMD RV730 - High Definition Audio Controller
Original Device Name:	ATI/AMD RV730 - High Definition Audio Controller
Device Class:	High Definition Audio
Revision ID:	0
PCI Address (Bus:Device:Function) Number:	1:0:1
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_1002&DEV_AA38&SUBSYS_AA38174B&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:	2.5 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
Maximum Payload Size Supported:	128 bytes
Maximum Payload Size:	128 bytes
Resizable BAR Support:	Not Supported

[System Resources]

Interrupt Line:	IRQ17
Interrupt Pin:	INTB#
Memory Base Address 0	D1010000

[Features]

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

[Driver Information]

Driver Manufacturer:	Microsoft
Driver Description:	High Definition Audio Denetleyicisi
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	19-Nov-2010
DeviceInstanceID	PCI\VEN_1002&DEV_AA38&SUBSYS_AA38174B&REV_00\4&3CE708&0&0108
Location Paths	PCIROOT(0)#PCI(0100)#PCI(0001)

Intel 82801GB ICH7 - High Definition Audio [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - High Definition Audio [A1]
Original Device Name:	Intel 82801GB ICH7 - High Definition Audio [A1]
Device Class:	High Definition Audio
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:27:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27D8&SUBSYS_A0021458&REV_01

[PCI Express]

Version:	1.1
Current Link Width:	Not negotiated

Device/Port Type:	Root Complex Integrated Endpoint
Slot Implemented:	No
Emergency Power Reduction:	Not Supported
Active State Power Management (ASPM) Support:	None
Active State Power Management (ASPM) Status:	Disabled
L0s Exit Latency:	< 64 ns
L1 Exit Latency:	< 1 us
Maximum Payload Size Supported:	128 bytes
Maximum Payload Size:	128 bytes
Resizable BAR Support:	Not Supported

[System Resources]

Interrupt Line:	IRQ16
Interrupt Pin:	INTA#
Memory Base Address 0	D3100000

[Features]

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

[Driver Information]

Driver Manufacturer:	Microsoft
Driver Description:	High Definition Audio Denetleyicisi
Driver Provider:	Microsoft
Driver Version:	6.1.7601.17514
Driver Date:	19-Nov-2010
DeviceInstanceId	PCI\VEN_8086&DEV_27D8&SUBSYS_A0021458&REV_01\3&13C0B0C5&0&D8
Location Paths	PCIROOT(0)#PCI(1B00)

Intel 82801GB ICH7 - PCI Express Root Port 1 [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - PCI Express Root Port 1 [A1]
Original Device Name:	Intel 82801GB ICH7 - PCI Express Root Port 1 [A1]
Device Class:	PCI-to-PCI Bridge
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:28:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27D0&SUBSYS_00000000&REV_01

[PCI Express]

Version:	1.1
Maximum Link Width:	1x
Current Link Width:	Not negotiated
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:	Capable
Hot-Plug Surprise:	Capable
Slot Power Limit:	10.000 W
Emergency Power Reduction:	Not Supported
Active State Power Management (ASPM) Support:	L0s
Active State Power Management (ASPM) Status:	Disabled
L0s Exit Latency:	512 ns - 1 us
L1 Exit Latency:	2 - 4 us
Maximum Payload Size Supported:	128 bytes
Maximum Payload Size:	128 bytes
Resizable BAR Support:	Not Supported

[System Resources]

Interrupt Line:	IRQ16
-----------------	-------

Interrupt Pin:	INTA#
[Features]	
Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable
[Driver Information]	
Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Ailesi) PCI Express Kök Bağlantı Noktası - 27D0
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27D0&SUBSYS_00001458&REV_01\3&13C0B0C5&0&E0
Location Paths	PCIROOT(0)#PCI(1C00)

PCI Express x1 Bus #2

Intel 82801GB ICH7 - PCI Express Root Port 2 [A1]

[General Information]	
Device Name:	Intel 82801GB ICH7 - PCI Express Root Port 2 [A1]
Original Device Name:	Intel 82801GB ICH7 - PCI Express Root Port 2 [A1]
Device Class:	PCI-to-PCI Bridge
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:28:1
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27D2&SUBSYS_00000000&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:	Root Port of PCI Express Root Complex
Slot Implemented:	Yes
Hot-Plug:	Capable
Hot-Plug Surprise:	Capable
Slot Power Limit:	10.000 W
Emergency Power Reduction:	Not Supported
Active State Power Management (ASPM) Support:	L0s
Active State Power Management (ASPM) Status:	Disabled
L0s Exit Latency:	128 - 256 ns
L1 Exit Latency:	2 - 4 us
Maximum Payload Size Supported:	128 bytes
Maximum Payload Size:	128 bytes
Resizable BAR Support:	Not Supported

[System Resources]	
Interrupt Line:	IRQ17
Interrupt Pin:	INTB#

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

[Driver Information]	
Driver Manufacturer:	Intel

Driver Description:	Intel(R) 82801G (ICH7 Ailesi) PCI Express Kök Bağlantı Noktası - 27D2
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27D2&SUBSYS_00001458&REV_01\3&13C0B0C5&0&E1
Location Paths	PCIROOT(0)#PCI(1C01)

PCI Express x1 Bus #3

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:	3:0:0
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
Maximum Payload Size Supported:	256 bytes
Maximum Payload Size:	128 bytes
Resizable BAR Support:	Not Supported

[System Resources]

Interrupt Line:	IRQ17
Interrupt Pin:	INTA#
I/O Base Address 0	A000
Memory Base Address 2	D3010000
Memory Base Address 4	D3000000

[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 RTL8168C(P)/8111C(P) Ailesi PCI-E Gigabit Ethernet NIC (NDIS 6.20)
Driver Provider:	Microsoft
Driver Version:	7.2.1127.2008
Driver Date:	26-Feb-2008
DeviceInstanceId	PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_02\4&108622C4&0&00E1
Location Paths	PCIROOT(0)#PCI(1C01)#PCI(0000)

Intel 82801GB ICH7 - USB Universal Host Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Device Class:	USB UHCI Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:29:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27C8&SUBSYS_50041458&REV_01

[System Resources]

Interrupt Line:	IRQ23
Interrupt Pin:	INTA#
I/O Base Address 4	B000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	1.0

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C8
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24138
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27C8&SUBSYS_50041458&REV_01\3&13C0B0C5&0&E8
Location Paths	PCIROOT(0)#PCI(1D00)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

Intel 82801GB ICH7 - USB Universal Host Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Device Class:	USB UHCI Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:29:1
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27C9&SUBSYS_50041458&REV_01

[System Resources]

Interrupt Line:	IRQ19
Interrupt Pin:	INTB#
I/O Base Address 4	B400

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	1.0

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C9
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24138
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27C9&SUBSYS_50041458&REV_01\3&13C0B0C5&0&E9
Location Paths	PCIROOT(0)#PCI(1D01)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

Intel 82801GB ICH7 - USB Universal Host Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Device Class:	USB UHCI Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:29:2
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27CA&SUBSYS_50041458&REV_01

[System Resources]

Interrupt Line:	IRQ18
Interrupt Pin:	INTC#
I/O Base Address 4	B800

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	1.0

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24138
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27CA&SUBSYS_50041458&REV_01\3&13C0B0C5&0&EA
Location Paths	PCIROOT(0)#PCI(1D02)

USB Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

Intel 82801GB ICH7 - USB Universal Host Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - USB Universal Host Controller [A1]
Device Class:	USB UHCI Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:29:3
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27CB&SUBSYS_50041458&REV_01

[System Resources]

Interrupt Line:	IRQ16
Interrupt Pin:	INTD#
I/O Base Address 4	BC00

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	1.0

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24138
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27CB&SUBSYS_50041458&REV_01\3&13C0B0C5&0&EB
Location Paths	PCIROOT(0)#PCI(1D03)

USB Root Hub

[Port1] : USB Giriş Aygıtı

[Device Information]

Device Manufacturer:	N/A
Product Name:	N/A
Serial Number:	N/A

USB Version Supported:	1.10
USB Device Speed:	USB 1.1 Low-speed
Driver Description:	USB Giriş Aygıtı
Hardware ID:	USB\VID_275D&PID_0BA6

[Driver Information]

Driver Manufacturer:	(Standart sistem aygıtları)
Driver Description:	USB Giriş Aygıtı
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24386
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_275D&PID_0BA6\5&50ADEA6&0&1
Location Paths	PCIROOT(0)#PCI(1D03)#USBROOT(0)#USB(1)

[Port2] : China Resource Semico, PID=2D43

[Device Information]

Device Manufacturer:	N/A
Product Name:	USB Keyboard
Serial Number:	N/A
USB Version Supported:	1.10
USB Device Speed:	USB 1.1 Low-speed
Driver Description:	USB Bileşik Aygıt
Hardware ID:	USB\VID_1A2C&PID_0C23

[Driver Information]

Driver Manufacturer:	(Standart USB Ana Bilgisayar Denetleyicisi)
Driver Description:	USB Bileşik Aygıt
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24138
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_1A2C&PID_0C23\5&50ADEA6&0&2
Location Paths	PCIROOT(0)#PCI(1D03)#USBROOT(0)#USB(2)

Intel 82801GB ICH7 - Enhanced USB2 Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - Enhanced USB2 Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - Enhanced USB2 Controller [A1]
Device Class:	USB EHCI Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:29:7
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27CC&SUBSYS_50061458&REV_01

[System Resources]

Interrupt Line:	IRQ23
Interrupt Pin:	INTA#
Memory Base Address 0	D3104000

[Features]

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

USB Version Supported:	2.0
------------------------	-----

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC
Driver Provider:	Microsoft

Driver Version:

Driver Date:

DeviceInstanceId

Location Paths

6.1.7601.24138

21-Jun-2006

PCI\VEN_8086&DEV_27CC&SUBSYS_50061458&REV_01\3&13C0B0C5&0&EF

PCIROOT(0)#PCI(1D07)

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

[Port7] : No Device Connected

[Port8] : No Device Connected

Intel 82801GB ICH7 Direct Media Interface Bridge [A1]

[General Information]

Device Name:

Original Device Name:

Device Class:

Revision ID:

PCI Address (Bus:Device:Function) Number:

Intel 82801GB ICH7 Direct Media Interface Bridge [A1]

Intel 82801GB ICH7 Direct Media Interface Bridge [A1]

PCI-to-PCI Bridge

E1

0:30:0

PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_244E&SUBSYS_00000000&REV_E1
[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:	Intel
Driver Description:	Intel(R) 82801 PCI Köprüsü - 244E
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_244E&SUBSYS_50001458&REV_E1\3&13C0B0C5&0&F0
Location Paths	PCIROOT(0)#PCI(1E00)
[Hub Interface 1 Command Control [ICH4/5]]	
Hub ID [ICH4]:	0
HP Unsupported [ICH5]:	Enabled
Hub Interface Timeslice:	0
Hub Interface Width:	8 bits
Hub Interface Rate Valid:	No
Hub Interface Rate:	
Maximum Data Bursts Per Packet:	
[Secondary PCI Device Hiding [ICH6]]	
Device 7 Hide:	Visible
Device 6 Hide:	Visible
Device 5 Hide:	Visible
Device 4 Hide:	Visible
Device 3 Hide:	Visible
Device 2 Hide:	Visible
Device 1 Hide:	Visible
Device 0 Hide:	Visible
[PCI Decode Policy [ICH6]]	
Subtractive Decode Policy:	Disabled
[Secondary PCI Device Hiding [ICH4/5]]	
Device 8 Hide:	Visible
Device 7 Hide:	Visible
Device 6 Hide:	Visible
Device 5 Hide:	Visible
Device 4 Hide:	Visible
Device 3 Hide:	Visible
Device 2 Hide:	Visible
Device 1 Hide:	Visible
Device 0 Hide:	Visible
[Delayed Transaction Control [ICH6]]	
Discard Delayed Transactions:	Disabled
Block Delayed Transactions:	Disabled
Maximum Delayed Transactions:	2 Active, 5 pending
Auto Flush After Disconnect:	Disabled
Never Prefetch:	Disabled
Memory Read Multiple Prefetch:	Enabled
Memory Read Line Prefetch:	Enabled
Memory Read Prefetch:	Enabled
[ICH/Policy Configuration [ICH2-ICH5]]	
Prefetch Flush [ICH5]:	Disabled
High Priority PCI:	Disabled
15-16MB Hole:	Disabled
Discard Timer Mode [ICH2]:	128 PCICLKs (4 us)
32-Clock Retry [ICH2]/12-Clock Retry [ICH3/4/5]:	Disabled

[Policy Configuration [ICH5]]

Async Reads:	0
PCI Prefetch:	0

[Multi-Transaction Timer]

Multi-Transaction Timer Count Value:	0 PCICLKs
--------------------------------------	-----------

[Error Command]

SERR# On Target Abort Receive:	Disabled
SERR# On Delayed Transaction Timeout:	Disabled

PCI Bus #4

Intel 82801GB ICH7(R) - LPC Bridge [A1]

[General Information]

Device Name:	Intel 82801GB ICH7(R) - LPC Bridge [A1]
Original Device Name:	Intel 82801GB ICH7(R) - LPC Bridge [A1]
Device Class:	PCI-to-ISA Bridge
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:31:0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27B8&SUBSYS_50011458&REV_01

[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:	Intel
Driver Description:	Intel(R) 82801GB/GR (ICH7 Ailesi) LPC Arabirim Denetleyicisi - 27B8
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27B8&SUBSYS_50011458&REV_01\3&13C0B0C5&0&F8
Location Paths	PCIROOT(0)#PCI(1F00)

Intel 82801GB ICH7 - ATA-100 IDE Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - ATA-100 IDE Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - ATA-100 IDE Controller [A1]
Device Class:	IDE Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:31:1
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27DF&SUBSYS_B0011458&REV_01

[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	F000

[Features]

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

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Ailesi) Ultra ATA Depolama Denetleyicileri - 27DF
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18231
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27DF&SUBSYS_B0011458&REV_01\3&13C0B0C5&0&F9
Location Paths	PCIROOT(0)#PCI(1F01)

Intel 82801GB ICH7 - SATA Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - SATA Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - SATA Controller [A1]
Device Class:	IDE Controller
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:31:2
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27C0&SUBSYS_B0021458&REV_01

[System Resources]

Interrupt Line:	IRQ19
Interrupt Pin:	INTB#
I/O Base Address 0	D000
I/O Base Address 1	D400
I/O Base Address 2	D800
I/O Base Address 3	DC00
I/O Base Address 4	E000

[Features]

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

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801GB/GR/GH (ICH7 Ailesi) Seri ATA Depolama Denetleyicisi - 27C0
Driver Provider:	Microsoft
Driver Version:	6.1.7601.18231
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27C0&SUBSYS_B0021458&REV_01\3&13C0B0C5&0&FA
Location Paths	PCIROOT(0)#PCI(1F02)

Intel 82801GB ICH7 - SMBus Controller [A1]

[General Information]

Device Name:	Intel 82801GB ICH7 - SMBus Controller [A1]
Original Device Name:	Intel 82801GB ICH7 - SMBus Controller [A1]
Device Class:	SMBus (System Management Bus)
Revision ID:	1 [A1]
PCI Address (Bus:Device:Function) Number:	0:31:3
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_27DA&SUBSYS_50011458&REV_01

[System Resources]

Interrupt Line:	IRQ11
Interrupt Pin:	INTB#
I/O Base Address 4	500
[Features]	
Bus Mastering:	Disabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 82801G (ICH7 Ailesi) SMBus Denetleyicisi - 27DA
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24441
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_27DA&SUBSYS_50011458&REV_01\3&13C0B0C5&0&FB
Location Paths	PCIROOT(0)#PCI(1F03)

Video Adapter

AMD Radeon HD 4350

[Video chipset]

Video Chipset:	AMD Radeon HD 4350
Video Chipset Codename:	RV710 / Luigi
Video Memory:	512 MBytes of DDR2 SDRAM [Samsung]

[Video Card]

Video Card:	Sapphire Radeon HD 4450
Video Bus:	PCIe v2.0 x16 (5.0 GT/s) @ x16 (2.5 GT/s)
Video RAMDAC:	Internal DAC(400MHz)
Video BIOS Version:	011.022.000.005

[Performance]

Graphics Processor Clock:	110.0 MHz
Graphics Memory Clock:	396.0 MHz (Effective 792.0 MHz)
Graphics Memory Bus Width:	64-bit
Number Of ROPs:	4
Number Of Unified Shaders:	80
Number Of TMUs (Texture Mapping Units):	8
Resizable BAR Support:	Not Supported
Hardware ID:	PCI\VEN_1002&DEV_954F&SUBSYS_4450174B&REV_00
PCI Location (Bus:Dev:Fnc):	1:00:0

[Driver Information]

Driver Manufacturer:	ATI Technologies Inc.
Driver Description:	ATI Radeon HD 4300 Series
Driver Provider:	ATI Technologies Inc.
Driver Version:	8.632.1.2000
Driver Date:	17-Aug-2009
DCH/UWD Driver:	Not Capable
DeviceInstanceId	PCI\VEN_1002&DEV_954F&SUBSYS_4450174B&REV_00\4&3CE708&0&0008
Location Paths	PCIROOT(0)#PCI(0100)#PCI(0000)

Monitor

SAMSUNG SyncMaster 710V/710M, SyncMaster Magic CX701BM/CX711BM

[General information]

Monitor Name:	SAMSUNG SyncMaster 710V/710M, SyncMaster Magic CX701BM/CX711BM
Monitor Name (Manuf):	SyncMaster
Serial Number:	HMDY510191
Date Of Manufacture:	Week: 21, Year: 2005
Monitor Hardware ID:	Monitor\SAM010B
Max. Vertical Size:	27 cm
Max. Horizontal Size:	34 cm
Horizontal Frequency:	30 - 81 kHz
Vertical Frequency:	56 - 75 Hz
Maximum Pixel Clock:	140 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 (sRGB) Default:	Not Supported
Preferred Timing Mode:	Supported
Default GTF (Continuous Frequency):	Not Supported

[DPMS Input Signal]

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

[Supported Video Modes]

1280 x 1024	60 Hz
1152 x 864	75 Hz
1280 x 1024	338 x 270 mm, Pixel Clock 108.00 MHz

Drives

Floppy Drives

1.44 MB 3 1/2

(S)ATA/ATAPI Drives

[General Information]

Drive Controller:	E-IDE (ATA-7)
Host Controller:	ATA Channel 0
Drive Channel:	Primary, Master
Drive Model:	Seagate ST3802110A
Drive Firmware Revision:	3.AAJ
Drive Serial Number:	4LS5128F
Drive Capacity:	76,318 MBytes (80 GB)
Drive Capacity [MB]:	76318
ATA Major Version Supported:	ATA/ATAPI-5, ATA/ATAPI-6, ATA/ATAPI-7

[Drive Geometry]

Number of Cylinders:	16383
Number of Heads:	16
Sectors Per Track:	63
Number Of ECC Bytes:	4
Number of Sectors:	16514064
Total 32-bit LBA Sectors:	156299375
Total 48-bit LBA Sectors:	156299375
Logical Sector Size:	512 Bytes
Cache Buffer Size:	2048 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: 5 (ATA-100), Active: 5 (ATA-100)
Max. Multiword DMA Transfer Rate:	16.7 MBytes/s
Max. PIO with IORDY Transfer Rate:	8.3 MBytes/s
Max. PIO w/o IORDY Transfer Rate:	16.7 MBytes/s
Transfer Width:	16-bit
Native Command Queuing:	Not Supported
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:	Not Supported, Inactive
Automatic Acoustic Management:	Not Supported, Inactive
48-bit LBA:	Supported, Active
Host-Initiated Link Power Management:	Not Supported
Device-Initiated Link Power Management:	Not Supported
In-Order Data Delivery:	Not Supported
Hardware Feature Control:	Not Supported
Software Settings Preservation:	Not Supported
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:	Not 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
Out Of Band Management Interface:	Not Supported

[Security]

Security Feature:	Supported
Security Status:	Disabled
Security Locked:	Disabled
Security Frozen:	Enabled
Enhanced Security Erase:	Not 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:	119/6, Worst: 92 (Data = 233760084,0)
[03] Spin Up Time:	94/Always OK, Worst: 93
[04] Start/Stop Count:	97/20, Worst: 97 (Data = 3952,0)
[05] Reallocated Sector Count:	100/36, Worst: 100
[07] Seek Error Rate:	84/30, Worst: 60 (Data = 248523470,0)
[09] Power-On Hours/Cycle Count:	93/Always OK, Worst: 93 (6849 hours / 285.4 days)
[0A] Spin Retry Count:	100/97, Worst: 100
[0C] Power Cycle Count:	97/20, Worst: 97 (Data = 3866,0)
[BB] Reported Uncorrectable Errors:	97/Always OK, Worst: 97 (Data = 3,0)
[BD] High Fly Writes	100/Always OK, Worst: 100
[BE] Airflow Temperature / Exceed Count:	66/45, Worst: 44 (34.0 °C)
[C2] Temperature	34/Always OK, Worst: 56 (34.0 °C)
[C3] Hardware ECC Recovered:	67/Always OK, Worst: 46 (Data = 173468656,0)
[C5] Current Pending Sector Count:	100/Always OK, Worst: 100
[C6] Off-Line Uncorrectable Sector Count:	100/Always OK, Worst: 100
[C7] UltraDMA/SATA CRC Error Rate:	200/Always OK, Worst: 200
[C8] Write/Multi-Zone Error Rate:	100/Always OK, Worst: 253
[CA] Data Address Mark Errors	100/Always OK, Worst: 253

LITE-ON CD-ROM LTN-5291S

[General information]

Drive Model:	LITE-ON CD-ROM LTN-5291S
Drive Firmware Revision:	NS0C
Device Type:	CD-ROM

[Device Capabilities]

Drive can read:	CD-R
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Audio

Intel 82801GB ICH7 - High Definition Audio [A1]

Audio Adapter:	Intel 82801GB ICH7 - High Definition Audio [A1]
Audio Controller Hardware ID:	PCI\VEN_8086&DEV_27D8&SUBSYS_A0021458&REV_01
High Definition Audio Codec:	RealTek ALC662

Audio Codec Hardware ID:	HDAUDIO\FUNC_01&VEN_10EC&DEV_0662&SUBSYS_1458A002&REV_1001
[Driver Information]	
Driver Manufacturer:	Microsoft
Driver Description:	High Definition Audio Aygıtı
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24519
Driver Date:	26-Aug-2019
DeviceInstanceId	HDAUDIO\FUNC_01&VEN_10EC&DEV_0662&SUBSYS_1458A002&REV_1001\4&2F790C35&0&0201

ATI/AMD RV730 - High Definition Audio Controller

Audio Adapter:	ATI/AMD RV730 - High Definition Audio Controller
Audio Controller Hardware ID:	PCI\VEN_1002&DEV_AA38&SUBSYS_AA38174B&REV_00
High Definition Audio Codec:	ATI RADEON HDMI
Audio Codec Hardware ID:	HDAUDIO\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_1001

[Driver Information]	
Driver Manufacturer:	Microsoft
Driver Description:	Yüksek Tanımlı Ses Aygıtı
Driver Provider:	Microsoft
Driver Version:	6.1.7600.16385
Driver Date:	13-Jul-2009
DeviceInstanceId	HDAUDIO\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_1001\5&506E256&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 RTL8168C/8111C PCI-E Gigabit Ethernet NIC
MAC Address:	-----

[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 RTL8168C(P)/8111C(P) Ailesi PCI-E Gigabit Ethernet NIC (NDIS 6.20)
Driver Provider:	Microsoft
Driver Version:	7.2.1127.2008
Driver Date:	26-Feb-2008
DeviceInstanceId	PCI\VEN_10EC&DEV_8168&SUBSYS_E0001458&REV_02\4&108622C4&0&00E1
Location Paths	PCIROOT(0)#PCI(1C01)#PCI(0000)

Ports

Serial Ports

COM1

USB

Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C8

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C9

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA

Root Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB

Root Hub

[Port1] : USB Giriş Aygıtı

[Device Information]

Device Manufacturer:	N/A
Product Name:	N/A
Serial Number:	N/A
USB Version Supported:	1.10
USB Device Speed:	USB 1.1 Low-speed
Driver Description:	USB Giriş Aygıtı
Hardware ID:	USB\VID_275D&PID_0BA6
[Driver Information]	
Driver Manufacturer:	(Standart sistem aygıtları)
Driver Description:	USB Giriş Aygıtı
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24386
Driver Date:	21-Jun-2006
DeviceInstanceID	USB\VID_275D&PID_0BA6\5&50ADEA6&0&1
Location Paths	PCIROOT(0)#PCI(1D03)#USBROOT(0)#USB(1)

[Port2] : China Resource Semico, PID=2D43

[Device Information]

Device Manufacturer:	N/A
Product Name:	USB Keyboard
Serial Number:	N/A
USB Version Supported:	1.10
USB Device Speed:	USB 1.1 Low-speed
Driver Description:	USB Bileşik Aygıt
Hardware ID:	USB\VID_1A2C&PID_0C23

[Driver Information]

Driver Manufacturer:	(Standart USB Ana Bilgisayar Denetleyicisi)
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Driver Description:	USB Bileşik Aygıt
Driver Provider:	Microsoft
Driver Version:	6.1.7601.24138
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_1A2C&PID_0C23\5&50ADEA6&0&2
Location Paths	PCIROOT(0)#PCI(1D03)#USBROOT(0)#USB(2)

Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC

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

[Port7] : No Device Connected

[Port8] : No Device Connected
