

HWiNFO32 v7.02-4430

Creation Time 17.04.2021 15:27

Content:

- CPU
- Motherboard
- Memory
- Bus
- Video
- Monitor
- Drives
- Audio
- Network
- Ports

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 |
| INVPID 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 (VPCMLQDQ) | 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

Super-IO/LPC Chip: ITE IT8718F, Rev H

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 - FFBFFFFF

[Alternative 1]

Memory Location:

FFB80000 - FFBFFFFF

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

[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

[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 |
|--------------|-------------------------|

[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 |
|--------------|---------------------------|

[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 |
|--------------|-------------------------------|

[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 |
| [Assigned Resources] | |
| I/O Port: | 0061 |
| [Alternative 1] | |
| I/O Port: | 0061 |

PCI veri yolu

| | |
|-----------------------------|---------------------|
| Device Name: | PCI veri yolu |
| [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 - FEC0FFFF |

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

Anakart kaynakları

| | |
|----------------------|---------------------|
| Device Name: | Anakart kaynakları |
| [Assigned Resources] | |
| Memory Location: | F0000000 - F3FFFFFF |
| [Alternative 1] | |
| Memory Location: | F0000000 - F3FFFFFF |

Sayısal veri işlemcisi

| | |
|----------------------|------------------------|
| Device Name: | Sayısal veri işlemcisi |
| [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 |
|--------------|------------------|

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 |
| 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 |
| 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 |
|--------------|-------------------|

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 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: | 001FFFFF |
| 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 |

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: | 6.1.7601.24138 |
| Driver Date: | 21-Jun-2006 |
| DeviceInstanceId | PCI\VEN_8086&DEV_27CC&SUBSYS_50061458&REV_01\3&13C0B0C5&0&EF |
| Location Paths | 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: | Intel 82801GB ICH7 Direct Media Interface Bridge [A1] |
| Original Device Name: | Intel 82801GB ICH7 Direct Media Interface Bridge [A1] |
| Device Class: | PCI-to-PCI Bridge |
| Revision ID: | E1 |
| PCI Address (Bus:Device:Function) Number: | 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

ST3802110A

[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 |
|-----------------|------|

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) |
| 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
