HWiNFO32 v7.62-5200

Creation Time 08.12.2024 13:07

Content:
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GATEWAY-500SE

[Current Computer]

Computer Name:	**GATEWAY-500SE**
Computer Brand Name:	**Gateway E-3600**

[Operating System]

Operating System:	Microsoft Windows XP Professional Build 2600
Service Pack:	Service Pack 3
UEFI Boot:	Not Present
Secure Boot:	Not Capable
Hypervisor-protected Code Integrity (HVCI):	Disabled
Current User Name:	ji

Central Processor(s)

[CPU Unit Count]

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

Intel Pentium 4 -1600

[General Information]

Processor Name:	**Intel Pentium 4 -1600**
Original Processor Frequency:	**1600.0 MHz**
Original Processor Frequency [MHz]:	**1600**
CPU ID:	00000F12
CPU Brand Name:	Intel(R) Pentium(R) 4 CPU 1.60GHz
CPU Vendor:	GenuineIntel
CPU Stepping:	D0
CPU Code Name:	Willamette
CPU Technology:	180 nm
CPU S-Spec:	SL5VH, SL5UJ
CPU Thermal Design Power (TDP):	60.8 W
CPU Max. Case Temperature (Tcase_max):	75 °C
CPU Type:	Production Unit
CPU Platform:	Socket 478 FC-PGA2 (mPGA478B)
Microcode Update Revision:	2E
Number of CPU Cores:	1
Number of Logical CPUs:	1

[Operating Points]

CPU HFM (Base):	1600.0 MHz = 16 x 100.0 MHz
CPU Current:	1594.8 MHz = 16 x 99.7 MHz
CPU Bus Type:	FSB (QDR)

[Cache and TLB]

L1 Cache:	Instruction Trace: 12K uOps, Data: 8 KBytes
L2 Cache:	Integrated: 256 KBytes
Instruction TLB:	4KB/2MB/4MB Pages, Fully associative, 64 entries
Data TLB:	4KB/4MB Pages, Fully associative, 64 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	Not Present
Virtual Machine Extensions (VMX)	Not Present
Safer Mode Extensions (Intel TXT)	Not Present
Streaming SIMD Extensions 3	Not Present
Supplemental Streaming SIMD Extensions 3	Not 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	Not 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	Not Present
Thermal Monitor 2	Not Present
Enhanced SpeedStep Technology	Not Present
L1 Context ID	Not Present
Send Task Priority Messages Disabling	Not Present
Processor Context ID	Not Present
Direct Cache Access	Not Present
TSC-deadline Timer	Not Present
Performance/Debug Capability MSR	Not Present
IA32 Debug Interface Support	Not Present
64-Bit Debug Store	Not Present
CPL Qualified Debug Store	Not Present

[Extended Feature Flags]

64-bit Extensions	Not Present
RDTSCP and TSC_AUX Support	Not Present
1 GB large page support	Not Present
No Execute	Not Present
SYSCALL/SYSRET Support	Not Present

[Enhanced Features]

Thermal Monitor 1:	Supported, Enabled
Thermal Monitor 2:	Not Supported
Enhanced Intel SpeedStep (GV3):	Not Supported
Bi-directional PROCHOT#:	N/A
Extended Auto-HALT State C1E:	N/A
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
Intel Speed Select:	Not Supported

[Memory Ranges]

Maximum Physical Address Size:	36-bit (64 GBytes)
Maximum Virtual Address Size:	32-bit (4 GBytes)

[MTRRs]

Range 0-20000000 (0MB-512MB) Type:	Write Back (WB)
Range 20000000-28000000 (512MB-640MB) Type:	Write Back (WB)

Motherboard

[Computer]

Computer Brand Name:	**Gateway E-3600**

[Motherboard]

Motherboard Model:	**Intel D845PT**
Motherboard Chipset:	**Intel 845D/MP (Brookdale) + ICH2**
Motherboard Slots:	3xPCI, 1xAGP v2.0
USB Version Supported:	v1.0

[BIOS]

BIOS Manufacturer:	American Megatrends
BIOS Date:	12/05/2001
BIOS Version:	PT84510A.15A.0004.P02.0112051220
UEFI BIOS:	Not Capable
Super-IO/LPC Chip:	SMSC LPC47M140
Trusted Platform Module (TPM) Chip:	Not Found

Plug-and-Play System Nodes

System Board Extension

[General Information]

Node Number:	0
Device ID:	PNP0C01
Device Name:	**System Board Extension**
Device Type Code:	050000

[System Resources]

Memory Location:	00000000-0009FBFF
Memory Location:	0009FC00-0009FFFF
Memory Location:	000E0000-000FFFFF
Memory Location:	27FE0000-27FF7FFF
Memory Location:	27FF8000-27FFFFFF
Memory Location:	27FC0000-27FDFFFF
Memory Location:	FEC00000-FEC00FFF
Memory Location:	FEE00000-FEE00FFF
Memory Location:	FFF00000-FFFFFFFF

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

System Board Extension

[General Information]

Node Number:	1
Device ID:	PNP0C01
Device Name:	**System Board Extension**
Device Type Code:	050000

[System Resources]

Memory Location:	00100000-27FBFFFF

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

Programmable Interrupt Controller

[General Information]

Node Number:	2
Device ID:	PNP0000
Device Name:	**Programmable Interrupt Controller**
Device Type Code:	080001

[System Resources]

IRQ:	2
I/O Port:	0020
I/O Port:	00A0

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

DMA Controller

[General Information]

Node Number:	3
Device ID:	PNP0200
Device Name:	**DMA Controller**
Device Type Code:	080101

[System Resources]

DMA:	4
I/O Port:	0000
I/O Port:	0080
I/O Port:	0094
I/O Port:	00C0

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

System Timer

[General Information]

Node Number:	4
Device ID:	PNP0100
Device Name:	**System Timer**
Device Type Code:	080201

[System Resources]

IRQ:	0
I/O Port:	0040

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

RealTime Clock

[General Information]

Node Number:	5
Device ID:	PNP0B00
Device Name:	**RealTime Clock**
Device Type Code:	080301

[System Resources]

IRQ:	8
I/O Port:	0070

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

101/102-Key or MS Natural Keyboard

[General Information]

Node Number:	6
Device ID:	PNP0303
Device Name:	**101/102-Key or MS Natural Keyboard**
Device Type Code:	090000

[System Resources]

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

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

PC Speaker

[General Information]

Node Number:	7
Device ID:	PNP0800
Device Name:	**PC Speaker**
Device Type Code:	088000

[System Resources]

I/O Port:	0061

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

Numeric Data Processor

[General Information]

Node Number:	8
Device ID:	PNP0C04
Device Name:	**Numeric Data Processor**
Device Type Code:	088000

[System Resources]

IRQ:	13
I/O Port:	00F0

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

Motherboard Resources

[General Information]

Node Number:	9
Device ID:	PNP0C02
Device Name:	**Motherboard Resources**
Device Type Code:	088000

[System Resources]

I/O Port:	04D0
I/O Port:	0CF8
I/O Port:	0010
I/O Port:	0022
I/O Port:	0030
I/O Port:	0050
I/O Port:	0072
I/O Port:	0091
I/O Port:	00A2
I/O Port:	0400
I/O Port:	0540
I/O Port:	0500
I/O Port:	0884
I/O Port:	0000
I/O Port:	0000
I/O Port:	0000
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF
Memory Location:	00000000-FFFFFFFF

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

Intel 82802 Firmware Hub

[General Information]

Node Number:	10
Device ID:	INT0800
Device Name:	**Intel 82802 Firmware Hub**
Device Type Code:	050100

[System Resources]

Memory Location:	FFB00000-FFBFFFFF

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

Motherboard Resources

[General Information]

Node Number:	11
Device ID:	PNP0C02
Device Name:	**Motherboard Resources**
Device Type Code:	088000

[System Resources]

I/O Port:	0800

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Not Supported
Disableable Device: Not Supported

Motherboard Resources

[General Information]
Node Number: 12
Device ID: PNP0C02
Device Name: **Motherboard Resources**
Device Type Code: 088000

[System Resources]

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Not Supported
Disableable Device: Not Supported

Motherboard Resources

[General Information]
Node Number: 13
Device ID: PNP0C02
Device Name: **Motherboard Resources**
Device Type Code: 088000

[System Resources]

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Not Supported
Disableable Device: Not Supported

16550A-compatible UART Serial Port

[General Information]
Node Number: 14
Device ID: PNP0501
Device Name: **16550A-compatible UART Serial Port**
Device Type Code: 070000

[System Resources]
IRQ: 4
I/O Port: 03F8

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Supported
Disableable Device: Supported

Motherboard Resources

[General Information]
Node Number: 15
Device ID: PNP0C02
Device Name: **Motherboard Resources**
Device Type Code: 088000

[System Resources]

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Not Supported
Disableable Device: Not Supported

ECP Parallel Port

[General Information]
Node Number: 16
Device ID: PNP0401
Device Name: **ECP Parallel Port**
Device Type Code: 070102

[System Resources]
IRQ: 7
DMA: 3
I/O Port: 0378
I/O Port: 0778

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Supported
Disableable Device: Supported

Floppy Controller

[General Information]
Node Number: 17
Device ID: PNP0700
Device Name: **Floppy Controller**
Device Type Code: 010200

[System Resources]
IRQ: 6
DMA: 2
I/O Port: 03F0
I/O Port: 03F7

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Supported
Disableable Device: Supported

Logitech PS/2 Port Mouse

[General Information]
Node Number: 18
Device ID: PNP0F13
Device Name: **Logitech PS/2 Port Mouse**
Device Type Code: 090200

[System Resources]
IRQ: 12

[Flags]
Removable Device: Not Present
Docking: Not Supported
IPL: Not Supported
Primary Input Device: Not Capable
Primary Output Device: Not Capable
Configurable Device: Not Supported
Disableable Device: Not Supported

PCI Bus

[General Information]

Node Number:	19
Device ID:	PNP0A03
Device Name:	**PCI Bus**
Device Type Code:	060400

[System Resources]

[Flags]

Removable Device:	Not Present
Docking:	Not Supported
IPL:	Not Supported
Primary Input Device:	Not Capable
Primary Output Device:	Not Capable
Configurable Device:	Not Supported
Disableable Device:	Not Supported

ACPI Devices

ACPI Fixed Feature Button

Device Name:	ACPI Fixed Feature Button

Processor

Device Name:	Processor

Intel(r) 82802 Firmware Hub Device

Device Name:	Intel(r) 82802 Firmware Hub Device

[Assigned Resources]

Memory Location:	FFF00000 - FFFFFFFF
Memory Location:	FFB00000 - FFBFFFFF

[Alternative 1]

Memory Location:	FFF00000 - FFFFFFFF
Memory Location:	FFB00000 - FFBFFFFF

System timer

Device Name:	System timer

[Assigned Resources]

I/O Port:	0040 - 0043
IRQ:	0

[Alternative 1]

I/O Port:	0040 - 0043
IRQ:	0

Direct memory access controller

Device Name:	Direct memory access controller

[Assigned Resources]

I/O Port:	0000 - 000F
I/O Port:	0081 - 0083
I/O Port:	0087
I/O Port:	0089 - 008B
I/O Port:	008F
I/O Port:	00C0 - 00DF
DMA:	4

[Alternative 1]

I/O Port:	0000 - 000F
I/O Port:	0081 - 0083
I/O Port:	0087
I/O Port:	0089 - 008B
I/O Port:	008F
I/O Port:	00C0 - 00DF
DMA:	4

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

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

[Assigned Resources]

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

[Alternative 1]

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

ECP Printer Port

Device Name:	ECP Printer Port

[Assigned Resources]

I/O Port:	0378 - 037F
I/O Port:	0778 - 077F
IRQ:	7
DMA:	3

[Alternative 1]

I/O Port:	0378 - 037F
I/O Port:	0778 - 077F
IRQ:	7
DMA:	1

[Alternative 2]

I/O Port:	0378 - 037F
I/O Port:	0778 - 077F
IRQ:	5
IRQ:	7
DMA:	1
DMA:	3

[Alternative 3]

I/O Port:	0278 - 027F
I/O Port:	0678 - 067F
IRQ:	5
IRQ:	7
DMA:	1
DMA:	3

[Alternative 4]

I/O Port:	03BC - 03BF
I/O Port:	07BC - 07BF
IRQ:	5
IRQ:	7
DMA:	1
DMA:	3

[Alternative 5]

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

[Alternative 6]

I/O Port:	0278 - 027F
I/O Port:	0678 - 067F
IRQ:	5
IRQ:	7

[Alternative 7]
I/O Port: 03BC - 03BF
I/O Port: 07BC - 07BF
IRQ: 5
IRQ: 7

Communications Port

Device Name: Communications Port

[Assigned Resources]
I/O Port: 03F8 - 03FF
IRQ: 4

[Alternative 1]
I/O Port: 03F8 - 03FF
IRQ: 4

[Alternative 2]
I/O Port: 03F8 - 03FF
IRQ: 3
IRQ: 4
IRQ: 10
IRQ: 11

[Alternative 3]
I/O Port: 02F8 - 02FF
IRQ: 3
IRQ: 4
IRQ: 10
IRQ: 11

[Alternative 4]
I/O Port: 03E8 - 03EF
IRQ: 3
IRQ: 4
IRQ: 10
IRQ: 11

[Alternative 5]
I/O Port: 02E8 - 02EF
IRQ: 3
IRQ: 4
IRQ: 10
IRQ: 11

Standard floppy disk controller

Device Name: Standard floppy disk controller

[Assigned Resources]
I/O Port: 03F0 - 03F1
I/O Port: 03F2 - 03F3
I/O Port: 03F4 - 03F5
I/O Port: 03F7
IRQ: 6
DMA: 2

[Alternative 1]
I/O Port: 03F0 - 03F1
I/O Port: 03F2 - 03F3
I/O Port: 03F4 - 03F5
I/O Port: 03F7
IRQ: 6
DMA: 2

System speaker

Device Name: System speaker

[Assigned Resources]
I/O Port: 0061

[Alternative 1]
I/O Port: 0061

PCI bus

Device Name: PCI bus

[Assigned Resources]
I/O Port: 0000 - 0CF7
I/O Port: 0D00 - FFFF
Memory Location: 000D0000 - 000DFFFF
Memory Location: 28000000 - FFAFFFFF

[Alternative 1]
I/O Port: 0000 - 0CF7
I/O Port: 0D00 - FFFF
Memory Location: 000D0000 - 000DFFFF
Memory Location: 28000000 - FFAFFFFF

System CMOS/real time clock

Device Name: System CMOS/real time clock

[Assigned Resources]
I/O Port: 0070 - 0071
IRQ: 8

[Alternative 1]
I/O Port: 0070 - 0071
IRQ: 8

System board

Device Name: System board

[Assigned Resources]
Memory Location: 00000000 - 0009FFFF
Memory Location: 000E0000 - 000FFFFF
Memory Location: 00100000 - 27FFFFFF
Memory Location: FEC00000 - FEC00FFF
Memory Location: FEE00000 - FEE00FFF

[Alternative 1]
Memory Location: 00000000 - 0009FFFF
Memory Location: 000E0000 - 000FFFFF
Memory Location: 00100000 - 27FFFFFF
Memory Location: FEC00000 - FEC00FFF
Memory Location: FEE00000 - FEE00FFF

Numeric data processor

Device Name: Numeric data processor

[Assigned Resources]
I/O Port: 00F0 - 00FF
IRQ: 13

[Alternative 1]
I/O Port: 00F0 - 00FF
IRQ: 13

ACPI Power Button

Device Name: ACPI Power Button

Microsoft PS/2 Mouse

Device Name: Microsoft PS/2 Mouse

[Assigned Resources]

IRQ:	12

[Alternative 1]

IRQ:	12

SMBIOS DMI

BIOS

BIOS Vendor:	Intel Corp.
BIOS Version:	PT84510A.15A.0004.P02.0112051220
BIOS Release Date:	12/05/2001
BIOS Start Segment:	F000
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:	Not Present
Flash BIOS:	Present
BIOS Shadow:	Present
VL-VESA Support:	Not Present
ESCD Support:	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:	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:	Present
Targeted Content Distribution Support:	Not Present
UEFI Specification Support:	Not Present
Virtual Machine:	Not Present

System

System Manufacturer:	Gateway
Product Name:	E-3600
Product Version:	4000777
Product Serial Number:	0026341126

Mainboard

Mainboard Manufacturer:	Intel Corporation
Mainboard Name:	D845PT
Mainboard Version:	AAA65253-303
Mainboard Serial Number:	ABPT20503689

System Enclosure

Manufacturer:	Gateway
Case Type:	Desktop
Version:	HV01D05
Serial Number:	0026341126
Asset Tag Number:	

Processor

Processor Manufacturer:	Intel Corporation
Processor Version:	Pentium(R) 4
External Clock:	100 MHz
Maximum Clock Supported:	1600 MHz
Current Clock:	1600 MHz
CPU Socket:	Populated
CPU Status:	Enabled
Processor Type:	Central Processor
Processor Voltage:	3.0 V
Processor Upgrade:	ZIF
Socket Designation:	J1D1

None

Socket Designation:	None
Cache State:	Enabled
Cache Location:	Internal
Cache Type:	L1 Data
Cache Scheme:	Write-Back
Supported SRAM Type:	Pipeline Burst, Synchronous
Current SRAM Type:	Pipeline Burst, Synchronous
Cache Speed:	40 ns
Error Correction Type:	Single-bit ECC
Maximum Cache Size:	8 KBytes
Installed Cache Size:	8 KBytes
Cache Associativity:	Unknown

None

Socket Designation:	None
Cache State:	Enabled
Cache Location:	Internal
Cache Type:	L2 Unified
Cache Scheme:	Write-Back
Supported SRAM Type:	Pipeline Burst, Synchronous
Current SRAM Type:	Synchronous
Cache Speed:	Unknown
Error Correction Type:	Parity
Maximum Cache Size:	256 KBytes
Installed Cache Size:	256 KBytes
Cache Associativity:	Unknown

On Board Device

Device Description:	Intel ICH2 Audio Device
Device Type:	Audio Device
Device Status:	Enabled

On Board Device

Device Description:	Intel 82562 Ethernet Device
Device Type:	Ethernet Adapter
Device Status:	Enabled

System Configuration Options

	J6F2 Jumper Pins 1-2 Normal Mode
	J6F2 Jumper Pins 2-3 Configuration Mode
	J6F2 No Jumper Recovery Mode

BIOS Language

enUS <Active>
frFR
deDE
esES
ptBR

System Event Log

Boot Integrity Services

System Boot Information

Boot Status: No error occurred

Intel AMT

Memory Devices

Memory Controller

Error Detecting Method: 32-bit ECC
Error Correction: Single-Bit
Supported Interleave: 1-Way
Current Interleave: 1-Way
Max. Memory Module Size: 1024 MBytes
Supported Memory Speed: 50 ns
Supported Memory Type: ECC, DIMM, SDRAM
Supported Memory Voltage: 3.3 V
Associated Memory Slots: 2

J5G3

Socket Designation: J5G3
Memory Type: DIMM
Memory Speed: 50 ns
Installed size: 128 MBytes
Enabled size: 128 MBytes

J5G1

Socket Designation: J5G1
Memory Type: DIMM
Memory Speed: 50 ns
Installed size: 512 MBytes
Enabled size: 512 MBytes

32-bit Memory Error Information

Physical Memory Array

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

Memory Array Mapped Address

Starting Address: 00000000
Ending Address: 0009FFFF
Partition Width: 4

Memory Device

Total Width: 64 bits
Data Width: 64 bits
Device Size: 128 MBytes
Device Form Factor: DIMM
Device Locator: J5E3
Bank Locator: DIMM0
Device Type: DDR SDRAM
Device Type Detail: Synchronous
Memory Speed: 266 MHz

Memory Device Mapped Address

Starting Address: 00000000
Ending Address: 0001FFFF
Partition Row Position: 1
Interleave Position: Non-interleaved
Interleave Data Depth: 0

Memory Device

Total Width: 64 bits
Data Width: 64 bits
Device Size: 512 MBytes
Device Form Factor: DIMM
Device Locator: J5E1
Bank Locator: DIMM1
Device Type: DDR SDRAM
Device Type Detail: Synchronous
Memory Speed: 266 MHz

Memory Device Mapped Address

Starting Address: 00020000
Ending Address: 0009FFFF
Partition Row Position: 1
Interleave Position: Non-interleaved
Interleave Data Depth: 0

Port Connectors

USB

Port Type: USB
Internal Reference: J1A2
Internal Connector Type: None
External Reference: USB1
External Connector Type: Access Bus (USB)

USB

Port Type: USB
Internal Reference: J4A2
Internal Connector Type: None
External Reference: USB2
External Connector Type: Access Bus (USB)

Serial Port 16550A Compatible

Port Type: Serial Port 16550A Compatible
Internal Reference: J2A1
Internal Connector Type: None
External Reference: COM A
External Connector Type: DB9 pin female

Parallel Port ECP/EPP

Port Type: Parallel Port ECP/EPP
Internal Reference: J3A1
Internal Connector Type: None
External Reference: LPT1
External Connector Type: DB25 pin male

Keyboard Port

Port Type: Keyboard Port
Internal Reference: J1A1
Internal Connector Type: None
External Reference: Keyboard
External Connector Type: PS/2

Mouse Port

Port Type: Mouse Port
Internal Reference: J1A1
Internal Connector Type: None
External Reference: PS2Mouse
External Connector Type: PS/2

Network Port

Port Type: Network Port
Internal Reference: JA4A1
Internal Connector Type: None
External Reference: LAN
External Connector Type: RJ-45

Audio Port

Port Type: Audio Port
Internal Reference: J5A1
Internal Connector Type: None
External Reference: Audio Mic In
External Connector Type: Mini-jack (headphones)

Audio Port

Port Type: Audio Port
Internal Reference: J5A1
Internal Connector Type: None
External Reference: Audio Line In
External Connector Type: Mini-jack (headphones)

Audio Port

Port Type: Audio Port
Internal Reference: J5A1
Internal Connector Type: None
External Reference: Audio Line Out
External Connector Type: Mini-jack (headphones)

Port Connector

Port Type: Unknown
Internal Reference: J5F2 - Floppy
Internal Connector Type: On Board Floppy
External Reference:
External Connector Type: None

Port Connector

Port Type: Unknown
Internal Reference: J5F1 - PRI IDE
Internal Connector Type: On Board IDE
External Reference:
External Connector Type: None

Port Connector

Port Type: Unknown
Internal Reference: J5E4 - SEC IDE
Internal Connector Type: On Board IDE
External Reference:
External Connector Type: None

Audio Port

Port Type: Audio Port
Internal Reference: J5B2 - CDIN
Internal Connector Type: On Board Sound Input from CD-ROM
External Reference:
External Connector Type: None

Audio Port

Port Type: Audio Port
Internal Reference: J5B1 - AUX IN
Internal Connector Type: Unknown
External Reference:
External Connector Type: None

Port Connector

Port Type:	Unknown
Internal Reference:	J6F1 - Wake On Ring
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J7F2 - SCSI LED
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J8F1 - Control Panel
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J1B2 - Power Supply Fan
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J1D2 - CPU Fan
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J6F2 - Configuration Jumper
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J8F1 - USB Front Panel
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J2E1 - Front Panel Audio
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	J7H1 - INTRUDER
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

Port Connector

Port Type:	Unknown
Internal Reference:	LS7H1 - Internal Speaker
Internal Connector Type:	Unknown
External Reference:	
External Connector Type:	None

System Slots

J6B3

Slot Designation:	J6B3
Slot Type:	PCI
Slot Usage:	Empty
Slot Data Bus Width:	32-bit
Slot Length:	Long

J6B2

Slot Designation:	J6B2
Slot Type:	PCI
Slot Usage:	Empty
Slot Data Bus Width:	32-bit
Slot Length:	Long

J7B1

Slot Designation:	J7B1
Slot Type:	PCI
Slot Usage:	In use
Slot Data Bus Width:	32-bit
Slot Length:	Long

J5C1

Slot Designation:	J5C1
Slot Type:	AGP 4X
Slot Usage:	In use
Slot Data Bus Width:	32-bit
Slot Length:	Long

Memory

[General Information]

Total Memory Size:	640 MBytes
Total Memory Size [MB]:	640

[Current Performance Settings]

Current Memory Clock:	132.9 MHz (4 : 3 Ratio)
Current Timing (tCAS-tRCD-tRP-tRAS):	2.5-3-3-6
Memory Channels Active:	1

Row: 0 - 128 MB PC2100 DDR-SDRAM SK Hynix HYMD116 645A8-H

[General Module Information]

Module Number:	0
Module Size:	**128 MBytes**
Memory Type:	**DDR-SDRAM**
Error Check/Correction:	None
Memory Speed:	**133.3 MHz (PC2100)**
Module Manufacturer:	**SK Hynix**
Module Part Number:	**HYMD116 645A8-H**
Module Serial Number:	289997215
Module Manufacturing Date:	Year: 2004, Week: 2

[Module Characteristics]

Module Width:	64-bits
Module Voltage:	SSTL 2.5V
SPD Revision:	N/A
Number Of Rows:	1
Row Address Bits:	12
Column Address Bits:	10
Number Of Banks:	4

[Module timing]

Supported Burst Lengths:	2, 4, 8
Refresh Rate:	Normal (15.625 us)
Min. Back-to-Back Clock Delay:	1
Supported CAS Latencies (tCAS):	2.5, 2.0
Min. RAS-to-CAS Delay (tRCD):	20.00 ns
Min. Row Precharge Time (tRP):	20.00 ns
Min. RAS Pulse Width (tRAS):	45 ns

Supported Module Timing at 133.3 MHz:	2.5-3-3-6