

Hardware detail

Date : 08.03.2004 09:43:37

User : ADMIN

GANDALF

Name	Value
ASPI	
° 00	
Extra Information	*
Rev	*
Model	*
Vendor	atapi
Device Type	Host Adapter
LUN	0
ID	7
Extra Information	*
Rev	*
Model	CD-ROM SC-152L
Vendor	SAMSUNG
Device Type	Optical Drive
LUN	0
ID	1
Extra Information	*
Rev	*
Model	A
Vendor	ST320410
Device Type	Disk Drive
LUN	0
ID	0

BIOS

° BIOS Manufacturer	
Product Information	http://www.phoenix.com/en/products/default.htm
Company Name	Phoenix Technologies Ltd.
° BIOS Properties	
Video BIOS Date	04/25/20
System BIOS Date	04.12.2002
Award BIOS Message	W6368VMS V5.5 041202 14:52:32
Award BIOS Type	Award Modular BIOS v6.00PG
BIOS Type	Award Modular

CPU

° CPU Utilization	
CPU #1	100%
° CPU Manufacturer	
Product Information	http://www.intel.com/products/browse/processor.htm





Company Name	Intel Corporation
° CPU Physical Info	
Maximum Power	26.3 - 34.8 W (depending on clock speed)
Typical Power	18 - 23 W (depending on clock speed)
I/O Voltage	3.3 V
Core Voltage	1.475 / 1.5 V
Die Size	80 mm ²
Process Technology	6M; 0.13 um; CMOS
Transistors	44 million
Package Size	4.95 cm x 4.95 cm
Package Type	370 Pin FC-PGA2
° CPU Properties	
L2 Cache	256 KB (On-Die; ATC; Full-Speed)
L1 Data Cache	16 KB
L1 Code Cache	16 KB
Original Clock	1200 MHz
CPU Alias	Tualatin; A80530
CPU Type	Intel Celeron-S; 1200 MHz (12 x 100)
CPUID	
° CPUID Features	
Virtual Mode Extension	Supported
Time Stamp Counter	Supported
Self-Snoop	Not Supported
Processor Serial Number	Not Supported
Processor Duty Cycle Control	Not Supported
Physical Address Extension	Supported
Page Size Extension	Supported
Page Global Extension	Supported
Page Attribute Table	Supported
Model Specific Registers	Supported
Memory Type Range Registers	Supported
Machine-Check Exception	Supported
Machine-Check Architecture	Supported
LongRun Table Interface	Not Supported
LongRun	Not Supported
Local APIC On Chip	Supported
Hyper-Threading Technology	Not Supported
Fast System Call	Not Supported
Fast Save && Restore	Supported
Debugging Extension	Supported
Debug Trace Store	Not Supported
Automatic Clock Control	Not Supported
36-bit Page Size Extension	Supported
° Instruction Set	
Conditional Move Instruction	Supported
CMPXCHG8B Instruction	Supported
CLFLUSH Instruction	Not Supported
IA SSE 2	Not Supported



IA SSE	Supported
IA MMX	Supported
IA-64	Not Supported
Cyrix Extended MMX	Not Supported
AMD x86-64	Not Supported
AMD Extended MMX	Not Supported
AMD Enhanced 3DNow!	Not Supported
AMD 3DNow! Professional	Not Supported
AMD 3DNow!	Not Supported

° CPUID Properties

MSR 0000011E	0000-0000-0074-27E3
MSR 0000002A	0000-0000-CC88-0000
MSR 00000017	8471-0000-0000-0000
IA CPU Serial Number	Unknown
Platform ID	05h (Socket 370)
IA Brand ID	FAh (Intel Celeron-S)
CPUID Revision	06B1h
CPUID CPU Name	Intel(R) Celeron(TM) CPU 1200MHz
CPUID Manufacturer	GenuineIntel

Chipset

° Problems & Suggestions

Problem	AGP aperture size is more than half of the system memory size. This may cause performance penalty.
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° Chipset Manufacturer

Product Information	http://www.via.com.tw/en/Products/prodindex.jsp
Company Name	VIA Technologies; Inc.

° AGP Properties

Side Band Addressing	Supported; Enabled
Fast-Write	Not Supported
Current AGP Speed	4x
Supported AGP Speeds	1x; 2x; 4x
AGP Aperture Size	64 MB
AGP Status	Enabled
AGP Version	2

° Memory Slots

DRAM Slot #1	128 MB (PC133 SDRAM)

° Chipset Properties

Motherboard Chipset	VIA VT8601A Apollo PLE133
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DMI

° Port Connectors / USB - Port Connector Properties

Internal Connector Type	None
Internal Reference Designator	USB
Port Type	USB

° Port Connectors / Detected - Port Connector Properties

External Connector Type	PS/2
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External Reference Designator	Detected
Internal Connector Type	PS/2
Internal Reference Designator	PS/2 Mouse
Port Type	Mouse Port
° Port Connectors / Keyboard - Port Connector Properties	
External Connector Type	PS/2
Internal Reference Designator	Keyboard
Port Type	Keyboard Port
° Port Connectors / LPT1 - Port Connector Properties	
External Connector Type	DB-25 pin female
Internal Connector Type	DB-25 pin female
Internal Reference Designator	LPT1
Port Type	Parallel Port ECP/EPP
° Port Connectors / COM2 - Port Connector Properties	
External Connector Type	DB-9 pin male
Internal Connector Type	9 Pin Dual Inline (pin 10 cut)
Internal Reference Designator	COM2
Port Type	Serial Port 16450 Compatible
° Port Connectors / COM1 - Port Connector Properties	
External Connector Type	DB-9 pin male
Internal Connector Type	9 Pin Dual Inline (pin 10 cut)
Internal Reference Designator	COM1
Port Type	Serial Port 16450 Compatible
° Port Connectors / FDD - Port Connector Properties	
External Connector Type	None
Internal Connector Type	On-Board Floppy
Internal Reference Designator	FDD
Port Type	8251 FIFO Compatible
° Port Connectors / SECONDARY IDE - Port Connector Properties	
External Connector Type	None
Internal Connector Type	On-Board IDE
Internal Reference Designator	SECONDARY IDE
° Port Connectors / PRIMARY IDE - Port Connector Properties	
External Connector Type	None
Internal Connector Type	On-Board IDE
Internal Reference Designator	PRIMARY IDE
° System Slots / AGP - System Slot Properties	
Length	Long
Data Bus Width	32-bit
Usage	In Use
Type	AGP
Slot Designation	AGP
° System Slots / PCI - System Slot Properties	
Length	Long
Data Bus Width	32-bit
Usage	In Use
Type	PCI
Slot Designation	PCI
Length	Long





Data Bus Width	32-bit
Usage	Empty
Type	PCI
Slot Designation	PCI
Length	Long
Data Bus Width	32-bit
Usage	Empty
Type	PCI
Slot Designation	PCI
Length	Long
Data Bus Width	32-bit
Usage	In Use
Type	PCI
Slot Designation	PCI
° System Slots / ISA - System Slot Properties	
Length	Long
Data Bus Width	16-bit
Type	ISA
Slot Designation	ISA
Length	Long
Data Bus Width	16-bit
Type	ISA
Slot Designation	ISA
Length	Long
Data Bus Width	16-bit
Type	ISA
Slot Designation	ISA
Length	Long
Data Bus Width	16-bit
Type	ISA
Slot Designation	ISA
° Memory Devices / BANK_3 - Memory Device Properties	
Bank Locator	Bank6/7
Device Locator	BANK_3
Form Factor	DIMM
° Memory Devices / BANK_2 - Memory Device Properties	
Bank Locator	Bank4/5
Device Locator	BANK_2
Form Factor	DIMM
° Memory Devices / BANK_1 - Memory Device Properties	
Bank Locator	Bank2/3
Device Locator	BANK_1
Form Factor	DIMM
° Memory Devices / BANK_0 - Memory Device Properties	
Bank Locator	Bank0/1
Device Locator	BANK_0
Size	128 MB
Form Factor	DIMM
° Memory Modules / BANK_3 - Memory Module Properties	
Enabled Size	Not Installed





Installed Size	Not Installed
Speed	70 ns
Socket Designation	BANK_3
° Memory Modules / BANK_2 - Memory Module Properties	
Enabled Size	Not Installed
Installed Size	Not Installed
Speed	70 ns
Socket Designation	BANK_2
° Memory Modules / BANK_1 - Memory Module Properties	
Enabled Size	Not Installed
Installed Size	Not Installed
Speed	70 ns
Socket Designation	BANK_1
° Memory Modules / BANK_0 - Memory Module Properties	
Enabled Size	128 MB
Installed Size	128 MB
Speed	70 ns
Type	DIMM; SDRAM
Socket Designation	BANK_0
° Caches / External Cache - Cache Properties	
Socket Designation	External Cache
Current SRAM Type	Synchronous
Supported SRAM Type	Synchronous
Installed Size	256 KB
Maximum Size	2048 KB
Operational Mode	Write-Back
Status	Enabled
Type	Internal
° Caches / Internal Cache - Cache Properties	
Socket Designation	Internal Cache
Current SRAM Type	Synchronous
Supported SRAM Type	Synchronous
Installed Size	32 KB
Maximum Size	32 KB
Operational Mode	Write-Back
Status	Enabled
Type	Internal
° Processors / Intel Celeron(TM) - Processor Properties	
Socket Designation	Socket 370
Upgrade	ZIF
Status	Enabled
Voltage	3.3 V
Type	Central Processor
Current Clock	1200 MHz
External Clock	100 MHz
Version	Intel Celeron(TM)
Manufacturer	Intel
° Memory Controller - Memory Controller Properties	
Memory Slots	4
Maximum Memory Module Size	256 MB





Supported Memory Voltages	5V; 3.3V
Supported Memory Types	SPM; FPM; EDO; ECC; SIMM; DIMM; SDRAM
Supported Memory Speeds	70ns; 60ns
Current Memory Interleave	1-Way
Supported Memory Interleave	4-Way
Error Correction	Single-bit
Error Detection Method	None
° Chassis - Chassis Properties	
Chassis Type	Desktop Case
° Motherboard - Motherboard Properties	
Product	601-686A
° System - System Properties	
Wake-Up Type	Power Switch
Universal Unique ID	FFFFFFFF-FFFFFFFF-FFFFFFFF-FFFFFFFF
Product	VT8601
Manufacturer	VIA Technologies; Inc.
° BIOS - BIOS Properties	
Expansion Capabilities	ISA; PCI; AGP; USB
Supported Standards	DMI; APM; ACPI; ESCD; PnP
Capabilities	Flash BIOS; Shadow BIOS; Selectable Boot; EDD
Boot Devices	Floppy Disk; Hard Disk; CD-ROM; ATAPI ZIP; LS-120
Size	256 KB
Release Date	04.12.2002
Version	6.00 PG
Vendor	Award Software International; Inc.

Desktop

° Desktop Effects

Windows Plus! Extension	Disabled
ToolTip Fade Effect	Enabled
ToolTip Animation	Enabled
ShowSounds Accessibility Feature	Disabled
Selection Fade Effect	Enabled
Mouse Cursor Shadow	Enabled
Minimize/Restore Animation	Enabled
Menu Fade Effect	Enabled
Menu Animation	Enabled
List-Box Smooth Scrolling	Enabled
Icon Title Wrapping	Enabled
Hot Tracking Effect	Enabled
Hide Menu Access Keys	Enabled
Gradient Window Title Bars	Enabled
Full Window Dragging	Enabled
Font Smoothing	Disabled
Flat Menu Effect	Enabled
Drop Shadow Effect	Enabled
Combo-Box Animation	Enabled

° Desktop Properties



Desktop Wallpaper	C:\Documents and Settings\Wayne\Local Settings\Application Data\Microsoft\Wallpaper1.bmp
Vertical Refresh Rate	85 Hz
Pixel Diagonal	51
Pixel Width / Height	36 / 36
Font Resolution	96 dpi
Color Planes	1
Color Depth	32-bit
Resolution	1024 x 768
Device Technology	Raster Display

Device Resources

° Port E000-E0FF

Device Description	Realtek RTL8139/810X Family PCI Fast Ethernet NIC
Share	Exclusive

° Port DC00-DC0F

Device Description	ESS ES56H-PI Data Fax Voice Modem
Share	Exclusive

° Port D400-D403

Device Description	VIA AC'97 Audio Controller (WDM)
Share	Exclusive

° Port D000-D003

Device Description	VIA AC'97 Audio Controller (WDM)
Share	Exclusive

° Port CC00-CCFF

Device Description	VIA AC'97 Audio Controller (WDM)
Share	Exclusive

° Port C800-C81F

Device Description	VIA Rev 5 or later USB Universal Host Controller
Share	Exclusive

° Port C400-C41F

Device Description	VIA Rev 5 or later USB Universal Host Controller
Share	Exclusive

° Port C000-C00F

Device Description	VIA Bus Master IDE Controller
Share	Exclusive

° Port 6080-FFFF

Device Description	PCI bus
Share	Shared

° Port 5010-5FFF

Device Description	PCI bus
Share	Shared

° Port 4100-4FFF

Device Description	PCI bus
Share	Shared

° Port 0D00-3FFF

Device Description	PCI bus
Share	Shared

° Port 0A79-0A79





Device Description	ISAPNP Read Data Port
Share	Exclusive
° Port 0778-077B	
Device Description	ECP Printer Port (LPT1)
Share	Exclusive
° Port 04D0-04D1	
Device Description	Motherboard resources
Share	Exclusive
° Port 03F8-03FF	
Device Description	Communications Port (COM1)
Share	Exclusive
° Port 03F7-03F7	
Device Description	Standard floppy disk controller
Share	Exclusive
° Port 03F6-03F6	
Device Description	Primary IDE Channel
Share	Exclusive
° Port 03F0-03F5	
Device Description	Standard floppy disk controller
Share	Exclusive
° Port 03C0-03DF	
Device Description	VIA Tech CPU to AGP Controller
Share	Undetermined
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Shared
° Port 03B0-03BB	
Device Description	VIA Tech CPU to AGP Controller
Share	Undetermined
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Shared
° Port 0378-037F	
Device Description	ECP Printer Port (LPT1)
Share	Exclusive
° Port 0376-0376	
Device Description	Secondary IDE Channel
Share	Exclusive
° Port 02F8-02FF	
Device Description	Communications Port (COM2)
Share	Exclusive
° Port 0279-0279	
Device Description	ISAPNP Read Data Port
Share	Exclusive
° Port 0274-0277	
Device Description	ISAPNP Read Data Port
Share	Exclusive
° Port 0200-0207	
Device Description	Standard Game Port
Share	Shared
° Port 01F0-01F7	
Device Description	Primary IDE Channel





Share	Exclusive
° Port 0170-0177	
Device Description	Secondary IDE Channel
Share	Exclusive
° Port 00F0-00FF	
Device Description	Numeric data processor
Share	Exclusive
° Port 00E0-00EF	
Device Description	Motherboard resources
Share	Exclusive
° Port 00C0-00DF	
Device Description	Direct memory access controller
Share	Exclusive
° Port 00A2-00BF	
Device Description	Motherboard resources
Share	Exclusive
° Port 00A0-00A1	
Device Description	Programmable interrupt controller
Share	Exclusive
° Port 0094-009F	
Device Description	Direct memory access controller
Share	Exclusive
° Port 0091-0093	
Device Description	Motherboard resources
Share	Exclusive
° Port 0080-0090	
Device Description	Direct memory access controller
Share	Exclusive
° Port 0074-007F	
Device Description	Motherboard resources
Share	Exclusive
° Port 0070-0073	
Device Description	System CMOS/real time clock
Share	Exclusive
° Port 0065-006F	
Device Description	Motherboard resources
Share	Exclusive
° Port 0064-0064	
Device Description	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
Share	Exclusive
° Port 0062-0063	
Device Description	Motherboard resources
Share	Exclusive
° Port 0061-0061	
Device Description	System speaker
Share	Exclusive
° Port 0060-0060	
Device Description	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
Share	Exclusive
° Port 0044-005F	





Device Description	Motherboard resources
Share	Exclusive
° Port 0040-0043	
Device Description	System timer
Share	Exclusive
° Port 0022-003F	
Device Description	Motherboard resources
Share	Exclusive
° Port 0020-0021	
Device Description	Programmable interrupt controller
Share	Exclusive
° Port 0010-001F	
Device Description	Motherboard resources
Share	Exclusive
° Port 0000-0CF7	
Device Description	PCI bus
Share	Shared
° Port 0000-000F	
Device Description	Direct memory access controller
Share	Exclusive
° Memory FFFF0000-FFFFFFFF	
Device Description	System board
Share	Exclusive
° Memory FEE00000-FEE00FFF	
Device Description	System board
Share	Exclusive
° Memory FEC00000-FEC00FFF	
Device Description	System board
Share	Exclusive
° Memory D8000000-D80000FF	
Device Description	Realtek RTL8139/810X Family PCI Fast Ethernet NIC
Share	Exclusive
° Memory D6000000-D601FFFF	
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Exclusive
° Memory D5800000-D5FFFFFF	
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Exclusive
° Memory D5000000-D57FFFFFF	
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Exclusive
° Memory D4000000-D6FFFFFF	
Device Description	VIA Tech CPU to AGP Controller
Share	Exclusive
° Memory D0000000-D3FFFFFF	
Device Description	VIA Tech CPU to AGP Controller
Share	Exclusive
° Memory 07800000-FEBFFFFFF	
Device Description	PCI bus
Share	Shared



° Memory 077F0000-077FFFFF	
Device Description	System board
Share	Exclusive
° Memory 00100000-077EFFFF	
Device Description	System board
Share	Exclusive
° Memory 000FC000-000FFFFF	
Device Description	System board
Share	Exclusive
° Memory 000F8000-000FBFFF	
Device Description	System board
Share	Exclusive
° Memory 000F4000-000F7FFF	
Device Description	System board
Share	Exclusive
° Memory 000F0000-000F3FFF	
Device Description	System board
Share	Exclusive
° Memory 000C0000-000DFFFF	
Device Description	PCI bus
Share	Shared
° Memory 000A0000-000BFFFF	
Device Description	VIA Tech CPU to AGP Controller
Share	Undetermined
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Shared
Device Description	PCI bus
Share	Shared
° Memory 00000000-0009FFFF	
Device Description	System board
Share	Exclusive
° IRQ 13	
Device Description	Realtek RTL8139/810X Family PCI Fast Ethernet NIC
Share	Shared
° IRQ 10	
Device Description	VIA Tech VT8361/VT8601 Graphics Controller
Share	Shared
Device Description	ESS ES56H-PI Data Fax Voice Modem
Share	Shared
° IRQ 0F	
Device Description	Secondary IDE Channel
Share	Exclusive
° IRQ 0E	
Device Description	Primary IDE Channel
Share	Exclusive
° IRQ 0D	
Device Description	Numeric data processor
Share	Exclusive
° IRQ 0C	





Device Description	PS/2 Compatible Mouse
Share	Exclusive
° IRQ 0A	
Device Description	VIA AC'97 Audio Controller (WDM)
Share	Shared
° IRQ 09	
Device Description	Microsoft ACPI-Compliant System
Share	Shared
° IRQ 08	
Device Description	System CMOS/real time clock
Share	Exclusive
° IRQ 06	
Device Description	Standard floppy disk controller
Share	Exclusive
° IRQ 05	
Device Description	VIA Rev 5 or later USB Universal Host Controller
Share	Shared
Device Description	VIA Rev 5 or later USB Universal Host Controller
Share	Shared
° IRQ 04	
Device Description	Communications Port (COM1)
Share	Exclusive
° IRQ 03	
Device Description	Communications Port (COM2)
Share	Exclusive
° IRQ 01	
Device Description	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
Share	Exclusive
° IRQ 00	
Device Description	System timer
Share	Exclusive
° DMA 04	
Device Description	Direct memory access controller
Share	Exclusive
° DMA 03	
Device Description	ECP Printer Port (LPT1)
Share	Exclusive
° DMA 02	
Device Description	Standard floppy disk controller
Share	Exclusive
EIDE	
° ST320410A (5FG3PXWN) - EIDE Device Manufacturer	
Product Information	http://www.seagate.com/products/discsales
Company Name	Seagate Technology LLC
° ST320410A (5FG3PXWN) - EIDE Device Physical Info	
Spin-Up Time	6.5 sec
Buffer Size	2 MB
Buffer-to-Host Data Rate	100 MB/s





Interface	Ultra-ATA/100
Full Seek	22 ms
Track-To-Track Seek	1.2 ms
Average Seek	8.9 ms
Max. Internal Data Rate	436 Mbit/s
Rotational Speed	5400 RPM
Average Rotational Latency	5.55 ms
Max. Weight	680 g
Physical Dimensions	147 x 101.85 x 26.1 mm
Recording Surfaces	1
Disks	1
Formatted Capacity	20 GB
Form Factor	3.5'
Hard Disk Name	U Series 20410
Manufacturer	Seagate

° ST320410A (5FG3PXWN) - EIDE Device Features

Device Configuration Overlay	Supported
48-bit LBA	Not Supported
Automatic Acoustic Management	Supported
Power-Up In Standby	Not Supported
Host Protected Area	Supported
Write Cache	Supported
Advanced Power Management	Supported
Power Management	Supported
Security Mode	Supported
SMART	Supported

° ST320410A (5FG3PXWN) - EIDE Device Properties

Unformatted Capacity	19093 MB
Active UDMA Transfer Mode	UDMA 5 (ATA-100)
Max. UDMA Transfer Mode	UDMA 5 (ATA-100)
Max. PIO Transfer Mode	PIO 4
ECC Bytes	4
Multiple Sectors	16
Buffer	2 MB
LBA Sectors	39102336
Parameters	38792 cylinders; 16 heads; 63 sectors per track; 512 bytes per sector
Revision	5.33
Serial Number	5FG3PXWN
Model ID	ST320410A

Game Controller

° Microsoft PC-joystick driver - Game Controller Features

Z Coordinate	Not Supported
V Coordinate	Not Supported
U Coordinate	Not Supported
Rudder	Not Present
POV Discrete Values	Not Supported
Point-Of-View	Not Supported
Driver Problem	Not Present



Continuous Degree Bearings	Not Supported
° Microsoft PC-joystick driver - Game Controller Properties	
Min / Max Y Coordinate	0 / 65535
Min / Max X Coordinate	0 / 65535
Min / Max Polling Frequency	10 / 1000 ms
Buttons	2
Status	Connected
Device ID	045E 0102
Device Description	Microsoft PC-joystick driver

Keyboard

° Keyboard Properties

Repeat Rate	31
Repeat Delay	1
OEM Code Page	850
ANSI Code Page	1252
Keyboard Layout	US
Keyboard Type	IBM enhanced (101- or 102-key) keyboard
Keyboard Name	Standard 101/102-Key or Microsoft Natural PS/2 Keyboard

Logical Drives

° D:

% Free	*
Free Space	*
Total Size	*
Volume Serial	*
File System	*
Drive Type	Optical Drive

° C:

% Free	66%
Free Space	12659 MB
Total Size	19083 MB
Volume Serial	113E-1403
File System	FAT32
Drive Type	Local Disk

° A:

% Free	*
Free Space	*
Total Size	*
Volume Serial	*
File System	*
Drive Type	Removable Disk

Memory

° Problems & Suggestions

Problem	Modern operating systems require at least 128 MB system memory for optimum performance.
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° Virtual Memory

Utilization	6%
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Free	1924 MB
Used	123 MB
Total	2047 MB
° Swap Space	
Utilization	47%
Free	152 MB
Used	136 MB
Total	289 MB
° Physical Memory	
Utilization	86%
Free	16 MB
Used	103 MB
Total	119 MB

Monitor

° Plug and Play Monitor [NoDB] - Monitor Properties

DPMS Mode Support	Suspend; Active-Off
Gamma	2.76
Picture Aspect Ratio	04:03
Max. Visible Display Size	32 cm x 24 cm (15.7")
Serial Number	1.2101E+13
Manufacture Date	Week 10 / 2002
Monitor ID	BRG00AE
Monitor Name	Plug and Play Monitor [NoDB]

Motherboard

° Problems && Suggestions

Problem	Less than 3 memory slots detected. Expanding system memory may become difficult.
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° Motherboard Manufacturer

BIOS Download	http://www.msi.com.tw/program/support/bios/bos/spt_bos_list.php
Product Information	http://www.msi.com.tw/program/products/mainboard/mbd/pro_mbd_list.php
Company Name	Micro-Star International

° Motherboard Physical Info

Motherboard Chipset	PLE133
Motherboard Size	200 mm x 240 mm
Form Factor	Micro ATX
Integrated Devices	Audio; Video
RAM Slots	2 DIMM
Expansion Slots	3 PCI
CPU Sockets/Slots	1

° Front Side Bus Properties

Bandwidth	800 MB/s
Effective Clock	100 MHz
Real Clock	100 MHz
Bus Width	64-bit
Bus Type	Intel GTL+

° Motherboard Properties





Motherboard Name	MSI MS-6368
Motherboard ID	04/12/2002-601-686B-6A6LIM49C-00
Mouse	
° Mouse Features	
Sonar	Disabled
Pointer Trails	Disabled
Move Pointer To Default Button	Disabled
Mouse Wheel	Present
Hide Pointer While Typing	Disabled
ClickLock	Disabled
Active Window Tracking	Disabled
° Mouse Properties	
Wheel Scroll Lines	1
X/Y Threshold	06.oct
Double-Click Time	480 msec
Pointer Speed	1
Mouse Hand	Right
Mouse Buttons	3
Mouse Name	PS/2 Compatible Mouse
Multi-Monitor	
° \\.\DISPLAY1	
Bottom Right Corner	(1024;768)
Upper Left Corner	(0;0)
Primary	Yes
Optical Drives	
° SAMSUNG CD-ROM SC-152L	
Speed	52x
Device Type	CD-ROM
Manufacturer	Samsung
PCI / AGP Video	
° Trident Blade 3D	
Device Type	3D Accelerator
° Trident Blade 3D/ProMedia	
Device Type	Video Adapter
PCI / PnP Audio	
° VIA AC'97 Audio Controller	
Type	PCI
PCI / PnP Network	
° Realtek RTL8139 Fast Ethernet Adapter	
Type	PCI





Physical Devices

° Ports

LPT1	ECP Printer Port (LPT1)
COM2	Communications Port (COM2)
COM1	Communications Port (COM1)

° LPT PnP Devices

MICROSOFTRAWPORT	Printer Port Logical Interface
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° PnP Devices

PNP0100	System Timer
PNP0C01	System Board Extension
PNP0C0E	Sleep Button
PNP0B00	Real-Time Clock
PNP0000	Programmable Interrupt Controller
PNP0C0C	Power Button
PNP0A03	PCI Bus
PNP0800	PC Speaker
PNP0C04	Numeric Data Processor
PNP0C02	Motherboard Resources
PNP0F13	Logitech PS/2 Port Mouse
GENUINEINTEL_ - X86_FAMILY_6_MODEL_11	Intel(R) Celeron(TM) CPU 1200MHz
PNP0700	Floppy Disk Controller
PNP0401	ECP Parallel Port
PNP0200	DMA Controller
FIXEDBUTTON	ACPI Fixed Feature Button
PNP0C08	ACPI Driver/BIOS
PNP0501	16550A-compatible UART Serial Port
PNP0501	16550A-compatible UART Serial Port
PNP0303	101/102-Key or MS Natural Keyboard

° PCI Devices

Bus 0; Device 0; Function 0	VIA VT8601A Apollo PLE133 Chipset - System Controller
Bus 0; Device 1; Function 0	VIA VT8601A Apollo PLE133 Chipset - AGP Controller
Bus 0; Device 7; Function 3	VIA VT83C572 PCI-USB Controller
Bus 0; Device 7; Function 2	VIA VT83C572 PCI-USB Controller
Bus 0; Device 7; Function 4	VIA VT82C686B Power Management Controller
Bus 0; Device 7; Function 0	VIA VT82C686B PCI-ISA Bridge
Bus 0; Device 7; Function 1	VIA VT82C571 IDE Controller
Bus 0; Device 7; Function 5	VIA AC'97 Audio Controller
Bus 1; Device 0; Function 0	Trident CyberBlade-i7 Video Adapter
Bus 0; Device 14; Function 0	Realtek RTL8139 Fast Ethernet Adapter
Bus 0; Device 8; Function 0	ESS ES2838/2839 SuperLink Modem

Physical Drives

° Drive #1 (18.6 GB) - #1 (Active)

Partition Length	19092 MB
Start Offset	0 MB
Drive	C:
Partition Type	FAT32





Power Management

° Power Management Properties

Remaining Battery Lifetime	Unknown
Full Battery Lifetime	Unknown
Battery Status	No Battery
Current Power Source	AC Line

Printers

° hp officejet d series - Printer Manufacturer

Product Information	http://www.pandl.hp.com/seg/printers.html
Company Name	Hewlett-Packard Company

° hp officejet d series - Paper Properties

Print Quality	Medium Color
Orientation	Portrait
Paper Size	A4; 210 x 297 mm

° hp officejet d series - Printer Properties

Status	Unknown
Print Jobs Queued	0
Priority	1
Availability	Always
Separator Page	None
Print Processor	WinPrint
Device Name	hp officejet d series
Printer Driver	hp officejet d series (v64.33)
Printer Port	DOT4_001
Share Point	Not shared
Default Printer	No
Printer Name	hp officejet d series

° hp officejet d series fax - Printer Manufacturer

Product Information	http://www.pandl.hp.com/seg/printers.html
Company Name	Hewlett-Packard Company

° hp officejet d series fax - Paper Properties

Print Quality	Medium Color
Orientation	Portrait
Paper Size	A4; 210 x 297 mm

° hp officejet d series fax - Printer Properties

Status	Unknown
Print Jobs Queued	0
Priority	1
Availability	Always
Separator Page	None
Print Processor	WinPrint
Device Name	hp officejet d series fax
Printer Driver	hp officejet d series fax (v64.33)
Printer Port	DOT4_001
Share Point	Not shared
Default Printer	No
Printer Name	hp officejet d series fax

° HP DeskJet 694C (Default) - Printer Manufacturer



Product Information	http://www.pandi.hp.com/seg/printers.html
Company Name	Hewlett-Packard Company
° HP DeskJet 694C (Default) - Paper Properties	
Print Quality	300 x 300 dpi Color
Orientation	Portrait
Paper Size	A4; 210 x 297 mm
° HP DeskJet 694C (Default) - Printer Properties	
Status	Unknown
Print Jobs Queued	0
Priority	1
Availability	Always
Separator Page	None
Print Processor	WinPrint
Device Name	HP DeskJet 694C
Printer Driver	HP DeskJet 694C (v5.00)
Printer Port	LPT1:
Share Point	Not shared
Default Printer	Yes
Printer Name	HP DeskJet 694C

SMART

° ST320410A (5FG3PXWN) - CA

Status	OK: Always passing
Data	0
Worst	253
Value	100
Threshold	0
Attribute Description	vendor-specific

° ST320410A (5FG3PXWN) - C8

Status	OK: Always passing
Data	0
Worst	253
Value	100
Threshold	0
Attribute Description	Write Error Rate

° ST320410A (5FG3PXWN) - C7

Status	OK: Always passing
Data	0
Worst	200
Value	200
Threshold	0
Attribute Description	Ultra ATA CRC Error Rate

° ST320410A (5FG3PXWN) - C6

Status	OK: Always passing
Data	0
Worst	100
Value	100
Threshold	0
Attribute Description	Off-Line Uncorrectable Sector Count





° ST320410A (5FG3PXWN) - C5

Status	OK: Always passing
Data	0
Worst	100
Value	100
Threshold	0
Attribute Description	Current Pending Sector Count

° ST320410A (5FG3PXWN) - C3

Status	OK: Always passing
Data	0
Worst	253
Value	100
Threshold	0
Attribute Description	Hardware ECC Recovered

° ST320410A (5FG3PXWN) - C2

Status	OK: Always passing
Data	30
Worst	51
Value	30
Threshold	0
Attribute Description	Temperature

° ST320410A (5FG3PXWN) - 0C

Status	OK: Value is normal
Data	686
Worst	100
Value	100
Threshold	20
Attribute Description	Power Cycle Count

° ST320410A (5FG3PXWN) - 0A

Status	OK: Value is normal
Data	0
Worst	100
Value	100
Threshold	97
Attribute Description	Spin Retry Count

° ST320410A (5FG3PXWN) - 09

Status	OK: Always passing
Data	2965
Worst	97
Value	97
Threshold	0
Attribute Description	Power-On Time Count

° ST320410A (5FG3PXWN) - 07

Status	OK: Value is normal
Data	50962769
Worst	60
Value	77
Threshold	30
Attribute Description	Seek Error Rate





° ST320410A (5FG3PXWN) - 05

Status	OK: Value is normal
Data	0
Worst	100
Value	100
Threshold	36
Attribute Description	Reallocated Sector Count

° ST320410A (5FG3PXWN) - 04

Status	OK: Value is normal
Data	12
Worst	100
Value	100
Threshold	20
Attribute Description	Start/Stop Count

° ST320410A (5FG3PXWN) - 03

Status	OK: Always passing
Data	0
Worst	98
Value	99
Threshold	0
Attribute Description	Spin Up Time

° ST320410A (5FG3PXWN) - 01

Status	OK: Value is normal
Data	38792890
Worst	52
Value	59
Threshold	25
Attribute Description	Raw Read Error Rate

SPD

° 128 MB PC133 SDRAM - Memory Module Features

Redundant Row Address	Not Supported
Differential Clock Input	Not Supported
Registered DQMB Inputs	Not Supported
Buffered DQMB Inputs	Not Supported
On-Card PLL (Clock)	Not Supported
Registered Address/Control Inputs	Not Supported
Buffered Address/Control Inputs	Not Supported
Write1/Read Burst	Supported
Precharge All	Supported
Auto-Precharge	Supported
Early RAS# Precharge	Not Supported

° 128 MB PC133 SDRAM - Memory Module Properties

Highest CAS Latency	3.0 (7.0 ns @ 142 MHz)
Refresh Rate	Normal (15.625 us); Self-Refresh
Error Detection Method	None
Module Voltage	LVTTL
Module Width	64 bit
Memory Speed	PC133 (133 MHz)



Memory Type	SDRAM
Module Type	Unbuffered
Module Size	128 MB (2 rows; 4 banks)

Sensor

° Voltage Values

Debug Info	86 9E 94 7A D0 D1 C8 CB
+12 V	12.17 V
+5 V	4.95 V
+3.3 V	3.33 V
+2.5 V	2.48 V
CPU Core	1.46 V

° Cooling Fans

CPU	4167 RPM
-----	----------

° Temperatures

Aux	25 °C (77 °F)
CPU	35 °C (95 °F)
Motherboard	31 °C (88 °F)

° Sensor Properties

Sensor Access	ISA 6000h
Sensor Type	VIA 686 Internal

Windows Audio

° wave-out.1

Device Description	Modem #1 Line Playback
Identifier	0001 0051

° wave-out.0

Device Description	VIA Audio (WAVE)
Identifier	0001 0064

° wave-in.1

Device Description	Modem #1 Line Record
Identifier	0001 0050

° wave-in.0

Device Description	VIA Audio (WAVE)
Identifier	0001 0065

° mixer.0

Device Description	VIA Audio (WAVE)
Identifier	0001 0068

° midi-out.0

Device Description	Microsoft GS Wavetable SW Synth
Identifier	0001 0066

Windows Devices

° Universal Serial Bus controllers

VIA Rev 5 or later USB Universal Host Controller	*
VIA Rev 5 or later USB Universal Host Controller	*
USB Root Hub	*
USB Root Hub	*

° System devices	
Volume Manager	*
VIA Tech Power Management controller	*
VIA Tech PCI to ISA bridge	*
VIA Tech CPU to PCI bridge	*
VIA Tech CPU to AGP Controller	*
Terminal Server Mouse Driver	*
Terminal Server Keyboard Driver	*
Terminal Server Device Redirector	*
System timer	*
System speaker	*
System CMOS/real time clock	*
System board	*
Programmable interrupt controller	*
Printer Port Logical Interface	*
Plug and Play Software Device Enumerator	*
PCI bus	*
Numeric data processor	*
Motherboard resources	*
Microsoft ACPI-Compliant System	*
Microcode Update Device	*
Logical Disk Manager	*
ISAPNP Read Data Port	*
Direct memory access controller	*
ACPI Sleep Button	*
ACPI Power Button	*
ACPI Fixed Feature Button	*
° Storage volumes	
Generic volume	*
° Sound; video and game controllers	
Video Codecs	*
VIA AC'97 Audio Controller (WDM)	*
Unimodem Half-Duplex Audio Device	*
Standard Game Port	*
Microsoft WINMM WDM Audio Compatibility Driver	*
Microsoft Kernel Wave Audio Mixer	*
Microsoft Kernel System Audio Device	*
Media Control Devices	*
Legacy Video Capture Devices	*
Legacy Audio Drivers	*
Audio Codecs	*
° Processors	
Intel(R) Celeron(TM) CPU 1200MHz	*
° Ports (COM && LPT)	
ECP Printer Port (LPT1)	*
Communications Port (COM2)	*
Communications Port (COM1)	*
° Non-Plug and Play Drivers	
Windows Socket 2.0 Non-IFS Service Provider Support Environment	*



VolSnap	*
VIAPFD	*
VgaSave	*
TCP/IP Protocol Driver	*
SetupNTGLM7X	*
Remote Access NDIS TAPI Driver	*
Remote Access IP ARP Driver	*
Remote Access Auto Connection Driver	*
RDPCDD	*
ParVdm	*
PartMgr	*
Null	*
NTACCESS	*
NetBios over Tcpip	*
NDProxy	*
NDIS Usermode I/O Protocol	*
NDIS System Driver	*
mountmgr	*
mnmdd	*
ksecdd	*
IPSEC driver	*
IP Network Address Translator	*
GMSIPCI	*
Generic Packet Classifier	*
Fips	*
dmload	*
dmboot	*
Beep	*
AFD Networking Support Environment	*
° Network adapters	
WAN Miniport (PPTP)	*
WAN Miniport (PPPOE)	*
WAN Miniport (L2TP)	*
WAN Miniport (IP) - Packet Scheduler Miniport	*
WAN Miniport (IP)	*
Realtek RTL8139/810X Family PCI Fast Ethernet NIC	*
Realtek RTL8139 Family PCI Fast Ethernet NIC - Packet Scheduler Miniport	*
Direct Parallel	*
° Monitors	
Plug and Play Monitor	*
° Modems	
ESS ES56H-PI Data Fax Voice Modem	*
° Mice and other pointing devices	
PS/2 Compatible Mouse	*
° Keyboards	
Standard 101/102-Key or Microsoft Natural PS/2 Keyboard	*
° IDE ATA/ATAPI controllers	
VIA Bus Master IDE Controller	*



Secondary IDE Channel	*
Primary IDE Channel	*
° Floppy disk drives	
Floppy disk drive	*
° Floppy disk controllers	
Standard floppy disk controller	*
° DVD/CD-ROM drives	
SAMSUNG CD-ROM SC-152L	*
° Display adapters	
VIA Tech VT8361/VT8601 Graphics Controller	*
° Disk drives	
ST320410A	*
° Computer	
ACPI Uniprocessor PC	*

Windows Network

° Realtek RTL8139/810X Family PCI Fast Ethernet NIC - Network Adapter Manufacturer

Driver Download	http://www.realtek.com.tw/downloads/downloads1-1.aspx?lineid=1
Product Information	http://www.realtek.com.tw/products/products1-1.aspx?lineid=1
Company Name	Realtek Semiconductor Corp.
° Realtek RTL8139/810X Family PCI Fast Ethernet NIC - Network Adapter Properties	
Bytes Sent	0
Bytes Received	0
MTU	1500 bytes
Connection Speed	10 Mbps
Connection Name	Local Area Connection
Hardware Address	00-10-DC-37-93-60
Interface Type	Ethernet
Network Adapter	Realtek RTL8139/810X Family PCI Fast Ethernet NIC

Windows Storage

° Standard floppy disk controller - Device Resources

Port	03F7-03F7
Port	03F0-03F5
IRQ	06
DMA	02

° Standard floppy disk controller - Device Properties

INF File	fdc.inf
Driver Provider	Microsoft
Driver Version	5.1.2600.0
Driver Date	1/07/2001
Driver Description	Standard floppy disk controller

° Secondary IDE Channel - Device Resources

Port	0376-0376
Port	0170-0177
IRQ	0F

° Secondary IDE Channel - Device Properties



INF File	mshdc.inf
Driver Provider	Microsoft
Driver Version	5.1.2600.0
Driver Date	1/07/2001
Driver Description	Secondary IDE Channel
° Primary IDE Channel - Device Resources	
Port	03F6-03F6
Port	01F0-01F7
IRQ	0E
° Primary IDE Channel - Device Properties	
INF File	mshdc.inf
Driver Provider	Microsoft
Driver Version	5.1.2600.0
Driver Date	1/07/2001
Driver Description	Primary IDE Channel
° SAMSUNG CD-ROM SC-152L - Device Manufacturer	
Product Information	http://www.samsungelectronics.com/odd
Company Name	Samsung Electronics Co.; Ltd.
° SAMSUNG CD-ROM SC-152L - Optical Drive Properties	
Speed	52x
Device Type	CD-ROM
Manufacturer	Samsung
° SAMSUNG CD-ROM SC-152L - Device Properties	
INF File	cdrom.inf
Driver Provider	Microsoft
Driver Version	5.1.2535.0
Driver Date	1/07/2001
Driver Description	SAMSUNG CD-ROM SC-152L
° ST320410A - Device Manufacturer	
Product Information	http://www.seagate.com/products/discsales
Company Name	Seagate Technology LLC
° ST320410A - Disk Device Physical Info	
Spin-Up Time	6.5 sec
Buffer Size	2 MB
Buffer-to-Host Data Rate	100 MB/s
Interface	Ultra-ATA/100
Full Seek	22 ms
Track-To-Track Seek	1.2 ms
Average Seek	8.9 ms
Max. Internal Data Rate	436 Mbit/s
Rotational Speed	5400 RPM
Average Rotational Latency	5.55 ms
Max. Weight	680 g
Physical Dimensions	147 x 101.85 x 26.1 mm
Recording Surfaces	1
Disks	1
Formatted Capacity	20 GB
Form Factor	3.5'
Hard Disk Name	U Series 20410
Manufacturer	Seagate



° ST320410A - Device Properties

INF File	disk.inf
Driver Provider	Microsoft
Driver Version	5.1.2535.0
Driver Date	1/07/2001
Driver Description	ST320410A

° Floppy disk drive - Device Properties

INF File	flpydisk.inf
Driver Provider	Microsoft
Driver Version	5.1.2600.0
Driver Date	1/07/2001
Driver Description	Floppy disk drive

Windows Video

° VIA Tech VT8361/VT8601 Graphics Controller - Video Adapter Manufacturer

Driver Download	http://www.viaarena.com/?PageID=70
Product Information	http://www.via.com.tw/en/Products/prodindex.jsp
Company Name	VIA Technologies; Inc.

° VIA Tech VT8361/VT8601 Graphics Controller - Video Adapter Properties

Memory Size	8 MB
Installed Drivers	trid3d
DAC Type	Integrated RAMDAC
Chip Type	KLE/PLE
BIOS String	1.08 DA
Adapter String	VIA Video Accelerator
Device Description	VIA Tech VT8361/VT8601 Graphics Controller