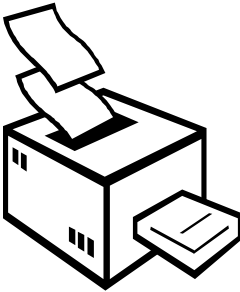


# APPENDIX A

## Hardware System Information



**T**his appendix gives information on the technical and hardware specifications of your computer. Please note that the information mentioned here may not be exactly the same with your computer as specification is subject to change without notice or modifying this manual.

Designed with an advanced modular architecture, your Notebook PC also allows you for several levels of customization and expansion that are previously available only on desktop PCs.

## A.1 System Specification

### **PROCESSOR UNIT**

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- Intel Mobile Pentium III  $\mu$ PGA2
- Supports CPU clock speed above 450MHz
- 256KB integrated L2 cache for Pentium III/128KB integrated L2 cache for Celeron

### **SYSTEM MEMORY**

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- Two 64-bit 144-pin memory slots
- User-upgradable to maximum 256MB using 144-pin SODIMM 32MB, 64MB, and 128MB module
- PC100 SDRAM modules

### **LCD DISPLAY**

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- XGA (1024x768) or SVGA (800x600) Color LCD
- Maximum 16M true colors on all LCD display

### **VGA SYSTEM**

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- 32-bit AGP Local Bus VGA Accelerator (32-bit internal)
- Includes Zoomed Video (ZV) Port Technology for supporting ZV PCMCIA cards

- Simultaneous LCD and external monitor (CRT) display
- Maximum 16 million colors on CRT only display at 800x600 resolution (Non-Interlaced)
- Maximum 1024x768 resolution on CRT display at 16M colors

### **DISK DRIVES**

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- 32-bit PCI Enhanced IDE interface with LBA mode
- 24X-speed Enhanced IDE bootable CD-ROM drive module
- Built-in and user-upgradable 2.5-inch IDE hard drive
- Optional DVD-ROM drive that can be swapped with CD-ROM
- Optional LS-120 drive that can be swapped with FDD

### **AUDIO SYSTEM**

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- Full-duplex 16-bit stereo audio with wavetable support and Plug-and-Play features
- H/W Audio Sound Blaster 16 compatible
- Built-in dual speakers
- Integrated full-duplex microphone
- Audio input jacks for microphone (MIC) and stereo device (Line-In)
- Audio output jack for external speaker or headphone (Line-Out)
- Earphone or headphone jack for audio output
- Built-in Thumb Wheel Volume Control

## **PCMCIA**

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- 32-bit CardBus PCI Local Bus PCMCIA controller
- Double-deck PCMCIA slots supports 2 x Type II PC card at the same time or 1 x Type III PC Card
- Supports Zoomed Video (ZV) Cards, 32-bit Cardbus Cards, and 16-bit PC Cards

## **GLIDE PAD**

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- Integrated Glide Pad (PS/2 mouse) pointing device with palm-rest typing surface

## **KEYBOARD**

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- Full-sized 86/87-keys keyboard with Windows 95/98 hot-keys, inverted T-cursor keys, 12 function keys, and embedded numeric keypad
- Provides international language keyboard

## **FLASH BIOS**

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- 512K Flash ROM BIOS for easy BIOS upgrade

## **I/O PORTS**

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- 2 x Universal Serial Bus (USB)
- 1 x 9-pin RS-232 Serial (COM1)
- 1 x 25-pin Parallel (LPT1)
- 1 x 15-pin VGA (CRT)

## **INFRARED PORT**

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- 1 x SIR port at 115.2Kbps

## **AC/DC POWER SUPPLY ADAPTER**

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- Universal auto-switching 60W (100V~240V) adapter

## **BATTERY**

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- Rechargeable 8 Cells NiMH or Li-ion battery pack with Smart Battery function
- Over 2 hours of usage (when run Battery Mark2.0 diagnostic program)
- 2.5 ~ 3.5 hours quick charge (computer turn off)

## **WEIGHT AND DIMENSION**

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- 12" (W) x 9.8" (D) x 1.5" (H)
- 6.6 lbs (Max Target)

## **A.2 IRQ Usage Summary (Windows 95/98)**

IRQ	Used Device
IRQ0	System Timer
IRQ1	Keyboard
IRQ2	Cascade
IRQ3	Lan/Modem
IRQ4	Serial Port Communications Port [COM 1]
IRQ5	Audio/VGA/USB
IRQ6	Floppy Disk Drive

IRQ	Used Device
IRQ7	Parallel Port
IRQ8	RTC Alarm
IRQ9	Reserve for ACPI OS
IRQ10	FIR
IRQ11	Reserve for PCMCIA Card
IRQ12	PS/2 Mouse
IRQ13	FPU
IRQ14	Hard Disk Drive
IRQ15	CD-ROM or DVD

## A.3 DMA Channel Usage Summary

DMA Channel	Used Device
DMA0	FIR (Modem/LAN)
DMA1	ECP
DMA2	Floppy Disk
DMA3	Audio
DMA4	[Cascade]
DMA5	Unused
DMA6	Unused
DMA7	Unused

## A.4 I/O Port Usage Summary (Window 95/98)

I/O Address	Used Device
000 ~ 01F	8237-1
020 ~ 021	8259-1
040 ~ 05F	8254
060 ~ 06F	Keyboard Controller
070 ~ 07F	RTC & NMI Mask
080 ~ 08F	DMA Page Registers
092	System Control Port
0A0 ~ 0A1	8259-2
0B2	Advanced Power Management Control Port
0B3	Advanced Power Management Status Port
0C0 ~ 0DF	8237-2
0F0 ~ 0FF	Math Coprocessor
158 ~ 15F	FIR
170 ~ 177	IDE Secondary Command Block (Notel)
1F0 ~ 1F7	IDE Primary Command Block
200 ~ 20F	Game Port
220 ~ 22F	Sound Blaster
279	ISA PnP Address
2F8 ~ 2FF	FIR
330 ~ 333	MIDI
376	IDE Secondary Command Block
378 ~ 37F	Parallel Port
388 ~ 38B	FM Synthesizer
398 ~ 399	Super I/O Chip

I/O Address	Used Device
3B0 ~ 3DF	Video Controller
3E0 ~ 3E1	PCMCIA Controller
3E8 ~ 3EF	Fax/Modem
3F0 ~ 3F5, 3F7	Floppy Disk Controller
3F6	IDE Primary Control Block
3F8 ~ 3FF	Serial Port 1
4D0 ~ 4D1	Edge/Level Triggered Register
778 ~ 77B	ECP port
A79	ISA PnP Address
CF8 ~ CFF	PCI BUS configuration register

## A.5 Memory Usage Summary (Window 98)

Address Range	Length	Used Device
00000 ~ 9F7FFh	638 KB	Base Memory
9F800 ~ 9FFFFh	2 KB	Extended BIOS Data Area
A0000 ~ BFFFFh	128 KB	Video Memory
C0000 ~ CFFFFh	64 KB	Video ROM
D0000 ~ DBFFFh	48KB	Unused
DC000 ~ DFFFFh	16 KB	DMI information
E0000 ~ FFFFFh	128 K	System ROM BIOS



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