

SATELLITE 335 SERIES Product Specifications

MODEL		335CDS/4.1 billion bytes	335CDT/4.1 billion bytes
PART NUMBER		PA1272U-S6CW	PA1272U-T6CW
PROCESSOR (All Models)			
Intel Pentium® 266Mhz (1.8v/2.5v) w/MMX	Yes		
Integrated Coprocessor	Yes		
Processor Cache	32KB: (16KB code; 16KB data)		
LEVEL 2 (L2) CACHE (All Models)			
	Yes: 512KB		
Data Bus Width/Data Bus Speed	64 bit/66 MHz		
Access Time	8 ns		
DATA RAM:	Yes		
SYSTEM ARCHITECTURE (All Models)		Connecting Devices	
PCI BUS (v.2.1): (32-bit, 33 MHz)	PC Card Slots, Graphics Controller, HDD, CD-ROM, FDD		
ISA BUS: 16-bit, 8.25 MHz	BIOS, Sound chip, KBC		
MEMORY: 64Mbit EDO DRAM, 3.3V (All Models)			
Standard	32 MB		
Maximum	160 MB		
Speed	60ns		
Hyper Page mode memory access	Yes		
Data Bus width	64 bit		
Local Bus Clock Speed	66 MHz		
BIOS (512KB: 4Mbit FLASH EPROM, 5V)	Yes: supports APM (v.1.2); VESA (v2.0); DPMS, DCC2, DMI (through Win95); PCI		
PnP 1.0a SUPPORT	Yes		
DISPLAY		335CDS	335CDT
Type	Color Bright Dual Scan (800 x 600)	TFT Active Matrix Color (800 x 600)	
Size	12.1” Diagonal	12.1” Diagonal	
Dot Pitch	.30mm x .30mm	.30mm x .30mm	
Contrast Ratio	40:1	100:1	
VIDEO (All Models)			
Memory: 4Mbit EDO DRAM, 3.3V	2 MB		
Speed	50ns		
Hyper Page mode support	Yes		
Controller Chip	C&T 65555		
Data Bus Width	64-bit		
PCI Bus Architecture w/burst mode	Yes: 32-bit, 33 MHz		
Graphics Accelerator:	Yes with 64-bit BitBLT support		
2D graphics support	DirectDraw, H/W Cursor		
3D graphics support	Direct3D		
Digital Video Accelerator:	Yes		
YUV-to-RGB color space conversion	Yes		
Scaling/Interpolation	Yes		
DirectMPEG	Yes		
DirectVideo support	Yes:w/Game SDK driver fr/Microsoft		
Color Palette	16.7M colors		
Internal Support	Colors Support		
Resolution			
Full Screen	800 x 600	16.7M colors	
Smaller Image	640 x 480	16.7M colors	
Virtual Display Mode	1024 x 768	64K colors	
Virtual Display Mode	1280 x 1024	256 colors	
External Support	Resolution	Colors Support	Vertical Refresh Rate (Non-Interlaced)
	640 x 480	16.7M colors colors	85Hz @ 64K color
	800 x 600	16.7M colors colors	85Hz @ 64K color
	1024 x 768	64K colors	60 Hz @ 64K color
	1280 x 1024	256 colors	60 Hz @ 64K color

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STORAGE (All Models)		
Removable ¹ HDD (2.5" Enhanced IDE)	4.1 billion bytes (13msec read/14msec write)	
DRIVE BAY DEVICES (All Models)		
FDD (3.5" 1.44MB; 12.7mm high)	Yes	
Simultaneous FDD & CD-ROM Support	Yes: two independent units	
CD-ROM: (5.25" ; 12.7mm high)	20X Maximum Speed (14X-Average speed)	
Weight	.62 lbs.	
Interface	.ATAPI (Enhanced IDE)	
Random Access Time	135 ms	
Average Sustained Transfer Rate	2,400 KB/sec	
Burst Data Transfer Rate	PIO Mode 4 (16.7MB/sec)	
Supported Disc formats	CD-DA, CD-ROM, CD-ROM XA, CD-Bridge (Photo-CD, Video-CD), CD-I, CD-I Ready, CD-G, Multisession (Photo-CD, CD-Plus)	
KEYBOARD (All Models)		
84/86 keys, 3mm Travel	Yes with Windows 95 key support & 12 dedicated function keys	
Cursor control (8 Keys, Inverted "T")	Yes	
Numeric keypad (Integrated Overlay)	Yes	
Integrated Pointing Device (All Models)	AccuPoint™	
EXPANSION SLOTS (All Models)		
Two Stacked PC Card Slots	Yes: Holds two - 5mm PC Cards Type II or one - 10.5mm PC Card Type III.	
Support Standards	Yes: Supports 32-bit, 3.3V PC CardBus cards <i>and</i> 16-bit, 5.0V PC card standards	
Internal Memory Slot (One only)	Yes	
EXPANSION PORTS (All Models)		
One 9-Pin Serial (16550 UART compliant)	Yes	
One 25-Pin Parallel (8 bit ECP)	Yes	
One 15-Pin RGB (SVGA video)	Yes	
Fast Infrared port (Back only)	Yes: IrDA 1.1:4Mbps compatible	
One (PS/2) 101 Keyboard/Mouse port	Yes: "Y"connector supported	
Universal Serial Bus (USB) port	Yes: Supports 127devices. Throughput Rate: 12Mbits/sec.	
Microphone (3.5mm mini jack, stereo)	Yes	
Headphone (3.5mm mini jack, stereo)	Yes	
Line-in (3.5mm mini jack, stereo, 2V rms)	Yes	
Noteworthy security lock port	Yes	
PC Card MODEM (Bundled) -- (All Models)	Xircom Credit Card Modem 56	
Data support		
Protocols supported	Bell-212A, V.23, V.22, V.22bis, V.32, V.32bis, V.34, K56flex	
Error correction	V.42/MNP 2-4	
Data compression	MNP 5, CCITT V.42 bis	
Fax support	Group 3, EIA/TIA, Fax class 1	
Protocols supported	V.17, V.27 ter, V.29	
Command Set	Hayes, Microcom compatible AT commands	

1. One Screw Service removable.

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POWER (All models)			
<i>Autosensing External AC Adapter</i>		3.94”L x 1.96”W x 0.98”H --- .46 lbs.	
Input (Voltage/Frequency)		100-240V; 50-60Hz	
Output (Voltage/Amps)		15 VDC; 2A (max)	
Power Output (Watts)		30W	
Battery Type: Li-Ion (10.8V, 3600mAH)		Yes (one standard): Part# PA2487URN	
Battery Life: (Full Power)		2.5+ hrs.	
Recharge Time (Computer Off/On)		3 - 5 hrs. <i>depending on the computer function performed</i>	
MaxTime® Power Management		Yes	
SOUND SYSTEM (All Models)			
Chipset:		Yamaha OPL3-SA3	
16-bit stereo audio playback/record		Yes	
Maximum sampling ratge		48 kHz	
FM Synthesis support		Yes (Soft Wave Table included)	
Full duplex function		Yes	
Sound formats supported:		SoundBlaster Pro™ V3.01, Windows Sound System V2.0	
3D Sound Support		Yes	
Direct3DSound, DirectSound support		Yes: with Windows 95 Game SDK driver from Microsoft	
Speaker system		Two top-mounted stereo speakers (28mm, 8 Ω)	
DIMENSIONS (All Models)		<u>Dimensions</u>	<u>Weight</u>
Notebook		11.96”W x 9.4”D x 2.1”H	6.7 lbs.
AC Adapter		3.94”L x 1.96”W x 0.98”H	.46 lbs.
Battery (Standard)		6.87”L x 2.76”W x .73”H	.88 lbs.
BUNDLED SOFTWARE (All Models)			
Windows®98; Microsoft Internet Explorer 4.01 (export version); Yamaha Audio Rack; Puma Intellisync97 (infrared software), Ring Zero Ring Central Dialer application, Mediamatics Arcade Pak; Symantec Norton Antivirus Scanner 4.0; Prodigy Internet; Intel Indeo Video, Maxtime, Fn-esse™, Online documentation			
Microsoft Works 4.5; Microsoft Money 98; Microsoft Outlook; Intuit Quicken Basic 98; Disney Daily Blast			
CD’s Included: Windows® 98 Companion CD; Backup CD; Recovery CD; Microsoft Encarta 98 MPEG version (2 CD package); Microsoft Golf Multimedia CD; Microsoft Works/Money98 CD, Outlook CD; Sony Music Videos CD			
SECURITY	Hardware	Cable Lock slot, PC Card lock slot, screen blank, keyboard lock	
	Password	Power-on, Supervisor, & HDD password	
WARRANTY		1 YR Parts / 1 YR. Labor / 1 YR. Battery	
ENVIRONMENTAL SPECIFICATIONS		(All models)	
		<u>Operating</u>	<u>Non-operating</u>
Temperature:		41°F (5°C) to 95°F (35°C)	-4°F (-20°C) to 149°F (65°C)
Thermal Gradient: 20° C per hour (max.)		N/A	N/A
Relative Humidity: Operating		20% to 80% non-condensing	10% to 90% non-condensing
Altitude: Operating		-197 to 9,843ft. (-60 to 3000m)	-197 to 32,808ft. (-60 to 10,000m)
Shock: Operating		10G; 1.5G w/CD-ROM installed	60G; 50G w/CD-ROM installed
Vibration: Operating		0.5G; 0.25G w/CD-ROM installed	1G; 1G w/CD-ROM installed