

SATELLITE 330 SERIES Product Specifications

MODEL	330CDS/4.1 billion bytes	330CDT/4.1 billion bytes
PART NUMBER	PA1272U-S2C	PA1272U-T2C
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	
Access Time	8 ns	
Data Bus Width/Data Bus Speed	64 bit/66 MHz	
DATA RAM:	Yes: Pipelined Burst SRAM	
SYSTEM ARCHITECTURE (All Models)		
	<u>Connecting Devices</u>	
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		
	330CDS	330CDT
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	<u>Colors Support</u>	
<u>Resolution</u>		
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	<u>Resolution</u>	
	640 x 480	16.7M colors colors
	800 x 600	16.7M colors colors
	1024 x 768	64K colors
	1280 x 1024	256 colors
	<u>Vertical Refresh Rate (Non-Interlaced)</u>	
		85Hz @ 64K color
		85Hz @ 64K color
		60 Hz @ 64K color
		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 127 devices. 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)		
Xircrom 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 rate	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)		
	Dimensions	Weight
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®95; 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		
<i>CD's Included:</i> Windows® 95 Companion CD; Backup CD; Recovery CD		
SECURITY (All Models)		
Hardware	Cable Lock slot, PC Card lock slot, screen blank, keyboard lock	
Password	Power-on, Supervisor, & HDD password	
WARRANTY (All Models)		
1 YR Parts / 1 YR. Labor / 1 YR. Battery		
ENVIRONMENTAL SPECIFICATIONS (All models)		
	Operating	Non-operating
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