SATELLITE 2535CDS Product Specifications

MODEL	**2535CDS/4.3 billion bytes**
PART NUMBER	**PAS253U-S6CW8**

PROCESSOR	
Intel Pentium® 300Mhz (2.0v/2.5v) w/MMX	Yes *(Uses 0.25 micron technology)*
Integrated Coprocessor	Yes
Processor Cache	32KB: (16KB code; 16KB data)

LEVEL 2 (L2) CACHE	**Yes: 512KB**
Type of cache memory	Pipelined Burst Synchronous SRAM
Cacheable Main Memory Area	Up to 64MB
Data/Address Bus Width	64-bit/32-bit
Local Clock Bus Speed	66 MHz

SYSTEM ARCHITECTURE	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

BIOS	**4Mbit Flash EPROM (5V), 512KB**
Supported standards	APM (v.1.2); ACPI; PnP (v.1.0a); VESA (v.2.0); DPMS; DCC2B; DMI (v.2.0); PCI BIOS; CD-ROM & ATA-HDD bootable

SYSTEM MANAGEMENT	DMI 2.0 BIOS w/asset tag capability; Wired for Management (v.1.1a); ACPI

MEMORY: 64Mbit **EDO DRAM,** 3.3V	
Standard	32 MB
Maximum	160 MB
Speed	60ns
Hyper Page mode memory access	Yes
Data /Address Bus width	64-bit/32-bit
Local Bus Clock Speed	66 MHz

VIDEO	
Memory: 4Mbit EDO DRAM, 3.3V	2 MB *integrated into the Graphics Controller*
Speed	50ns *with Hyper Page mode support*
Controller Chip	C&T 69000
Data Bus Width	64-bit
Local Bus Clock Speed	66MHz
PCI Bus Architecture w/burst mode	Yes: 32-bit, 33 MHz
Graphics Accelerator:	Yes with 64-bit BitBLT support
2D graphics support	BitBLT, DirectDraw, H/W Cursor
3D graphics support	Direct3D
Digital Video Accelerator:	Yes
YUV-to-RGB color space conversion	Yes
Zoom	Yes
Scaling/Interpolation	Yes
DirectMPEG support	Yes
DirectVideo support	Yes:w/Game SDK driver fr/Microsoft
Color Palette	16.7M colors

Internal Support	Resolution	Colors Support	
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	85Hz @ 64K color
	800 x 600	16.7M colors	85Hz @ 64K color
	1024 x 768	64K colors	60 Hz @ 64K color
	1280 x 1024	256 colors	60 Hz @ 64K color

SATELLITE 2535CDS Product Specifications

MODEL	2535CDS/4.3 billion bytes
PART NUMBER	**PAS253U-S6CW8**

DISPLAY

Type	Color Bright Dual Scan (800 x 600)
Size	13.0" Diagonal
Dot Pitch	.30mm x .30mm
Contrast Ratio	40:1
Brightness Control	Yes: using SETUP or Power Save Utility
Contrast Control	Yes

ALL-IN-ONE DESIGN

HDD

Removable HDD (2.5" Enhanced IDE)	4.3 billion bytes (13msec read/14msec write)
Height	9.5mm
Buffer	512KB
Burst Data Transfer Rate	Ultra DMA33 Mode2 (33.3MB/sec) or PIO Mode 4 (16.7MB/sec)
Local Bus support	Yes
FDD (3.5" 1.44MB; 12.7mm high)	Yes
Simultaneous FDD & CD-ROM Support	Yes: two independent internal units
CD-ROM: (5.25" ; 12.7mm high)	24X Maximum Speed
Weight	.62 lbs.
Interface	.ATAPI (Enhanced IDE) *with 128KB buffer*
Random Access Time	130 ms
Average Sustained Transfer Rate	3,600 KB/sec
Burst Data Transfer Rate	PIO Mode 4 (16.7MB/sec) or Multi Word DMA Mode2 (16.6MB/sec)
Supported Disc formats	CD-DA, CD-ROM, CD-R, CD-ROM XA, Photo CD (Multisession), Video CD, CD Extra (CD Plus), CD-G, CD-RW (read only)

KEYBOARD

84 keys, 3mm Travel	Yes
Key support	Windows 95/98, Application
Internet Browser function	F6 key
CD-ROM functions	Skip to Previous track (F7); Play & Stop (F8); Skip to next track (F9)
Dedicated function keys	12 dedicated function keys
Keyboard height	9.5mm
Key Pitch	19.05mm
Cursor control (8 Keys, Inverted "T")	Yes
Numeric keypad (Integrated Overlay)	Yes

Integrated Pointing Device	AccuPoint™

EXPANSION SLOTS

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 *and* 16-bit, 5.0V PC card standards
Internal Memory Slot (One only)	Yes

EXPANSION PORTS

One 9-Pin Serial (16550 UART equivalent)	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, monaural)	Yes
Headphone (3.5mm mini jack, stereo)	Yes
Line-in (3.5mm mini jack, stereo, 2V rms)	Yes
Noteworthy security lock port	Yes

SATELLITE 2535CDS Product Specifications

MODEL	**2535CDS/4.3 billion bytes**
PART NUMBER	**PAS253U-S6CW8**
PC Card MODEM (Bundled)	3Com-Noteworhty 56K PC Card Modem
Data support	
Protocols supported	Bell-103,& 212A, V.23, V.22, V.22bis, V.32, V.32bis, V.34, V.34+, **V.90**
Error correction	V.42/MNP 2-5
Data compression	MNP 5, CCITT V.42 bis
Fax support	Group 3, EIA/TIA, Fax class 1
Protocols supported	V.17, V.21 Channel 2, V.27 ter, V.29, V.33
Command Set	Hayes, Microcom compatible AT commands

POWER (All models)	
Autosensing External AC Adapter	3.94"L x 1.96"W x 0.98"H --- .48 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# PA2487URG
Dimensions	6.87"L x 2.76"W x .73"H
Battery Life: (Full Power)	3.0 hrs.
Recharge Time (Computer Off/On)	3+ hrs./4-10 hrs. *depending on the computer function performed*
Power Saving Features	ACPI (v.1.0) Power Management, CPU sleep, HDD Auto Off, Display Auto Off, CPU speed change, Auto Resume, and Hibernation

SOUND SYSTEM	**Yamaha Sound System**
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, MIDI
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) *with volume control*

DIMENSIONS	**Dimensions**	**Weight**
Notebook	12.2"W x 10.2"D x 1.7"H	6.7 lbs.
AC Adapter	3.94"L x 1.96"W x 0.98"H	.48 lbs.
Battery (Standard)	6.87"L x 2.76"W x .73"H	.88 lbs.

BUNDLED SOFTWARE

Windows®98; Ring Zero Ring Central Dialer application, Intel Indeo Video, Mediamatics Arcade Pak, Prodigy Internet, Symantec Norton Antivirus Scanner 4.0; Disney Daily Blast, Microsoft Money 98; Microsoft Outlook; Intuit Quicken Basic 98; Fn-esse™, Online documentation

CD's Included: Bootable Configuration Builder CD; Toshiba Companion diskette; Microsoft Encarta 99 MPEG version; Microsoft Money; Microsoft Outlook 98; Microsoft Bookshelf 99

Choice of a Total of 5 Additional Software Titles

Lotus® SmartSuite Millenium Edition (counts as 5 selections): Lotus 123, Approach, Freelance Graphics, Wordpro, and Organizer	
Mobile Productivity Laplink® Rand McNally TripMaker® USA 98: Streets & Destinations Print Artist™ 4.0	*K-6 Education* Math Blaster™ 6-9 The Way Things Work Ultimate Creativity & Writing Center™ Eyewitness Children's Encyclopedia Freddi Fish 2: The Case of the Haunted Schoolhouse™
7-12 Education Math Blaster™ Algebra Encyclopedia of Science 2.0 Student Writing Center™ Higher Score Guaranteed ACT/SAT/PSAT	*Entertainment* Don't Know Jack™ Volume 3 Sierra Sports™ Ski Racing OddWorld: Abe's Oddysee™ Total Annihilation™

SATELLITE 2535CDS Product Specifications

MODEL		**2535CDS/4.3 billion bytes**	
PART NUMBER		**PAS251U-S6CW8**	
SECURITY	Hardware	Cable Lock slot, PC Card lock slot, main HDD (by screw only), screen blank, keyboard lock	
	Password	Power-on, Supervisor, & HDD password (both drives)	
WARRANTY		1 YR Parts / 1 YR. Labor / 1 YR. Battery	
ENVIRONMENTAL SPECIFICATIONS		**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:		20% to 80% non-condensing	10% to 90% non-condensing
Altitude:		-197 to 9,843ft. (-60 to 3000m)	-197 to 32,808ft. (-60 to 10,000m)
Shock:		10G	60G
Vibration:		0.5G	1G