

# Satellite 200CDS Product Specifications

**Satellite 200CDS**  
810 Million Bytes: PA1234U-S2A

## PROCESSOR

Intel Pentium® 100Mhz (2.9v/3.3v) w/VRT	Yes
External data bus width	64 bit
External data/address bus speed	66 MHz
Integrated Coprocessor	Yes
Processor Cache	16KB: (8KB code; 8KB data)

## MEMORY: 16Mbit EDO DRAM, 3.3V

Standard	8 MB
Maximum	40 MB
Speed	60ns
Hyper Page mode memory access	Yes
Data width	64 bit
Local Clock Bus Speed	66 MHz
BIOS (128KB FLASH EPROM, 150ns, 5V)	Yes
PnP 1.0a SUPPORT	Yes

## DISPLAY

Type	Dual Scan Passive Matrix
Size	11.3" (9"W x 6.75"H)
Dot Pitch	.28mm x .28mm
Contrast Ratio	25:1 (avg.)

## VIDEO

Memory: 4Mbit EDO DRAM, 5V	2 MB
Speed	50ns
Hyper Page mode support	Yes
Controller Chip	C&T HIQV32 (CT65550)
VESA Local-Bus Video	Yes: 32-bit, 33 MHz
Graphics Accelerator:	Yes
32-bit BitBLT, LINEdraw, H/W Cursor	Yes
Video Accelerator:	Yes
YUV-to-RGB color space conversion	Yes
Scaling Support	Yes
Zoomed Video Port Support	Yes
DirectVideo support	Yes:w/Game SDK driver fr/Microsoft
Color Palette	16.7M colors
Internal Resolution	800 x 600 x 64K/64K colors
Smaller Image	640 x 480 x 64K/64K colors
Virtual Display Mode	1024 x 768 x 64K/64K colors
External Resolution	1280 x 1024 x 16/256 colors
	<u>Colors/Palette</u>
640 x 480	16.7M colors/16.7M colors
800 x 600	16.7M colors/16.7M colors
1024 x 768	64K colors/64K colors
1280 x 1024	16/256 colors

Refresh Rate (taken.@ 1024x768 Non-Interlaced)	Vert.: 85Hz @ 256 colors
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## KEYBOARD

82 keys, 3mm Travel	Yes
12 dedicated function keys	Yes
Cursor control (8 Keys, Inverted "T")	Yes
Numeric keypad (Integrated Overlay)	Yes

<b>Integrated Pointing Device</b>	AccuPoint™
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### STORAGE

HDD (2.5" Enhanced IDE) 810 million bytes=770MB (13msec)

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### SELECT BAY DEVICES

Modular FDD (3.5" 1.44MB) Included/Swappable with CD-ROM

FDD Dimensions 4.57"L x 3.8"W x .59"H

FDD Weight Weight: .29 lbs

Simultaneous FDD & CD-ROM Support Yes: External FDD adapter included

FDD Adapter Dimensions 7.0"L x 5.5"W

FDD Adapter Weight .25 lbs

### Modular CD-ROM: Toshiba XM-1402B

5.25" 6x-speed

*Installed/Swappable with FDD*

Interface .ATAPI (Enhanced IDE)

Random Access Time 250 ms

Sustained Transfer Rate 900 KB/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)

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### EXPANSION SLOTS

Two Stacked PC Card Slot<sup>2</sup> Yes: ZV Card Ready

16-bit, 5.0V PC Card Support Yes

Internal Memory Slot (One only) Yes

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### EXPANSION PORTS

One 9-Pin Serial (16550 UART compliant) Yes

One 25-Pin Parallel (8 bit ECP) Yes

One 15-Pin RGB (SVGA video) Yes

One Serial Infrared port Yes: IrDA 115.2Kbps compatible

One (PS/2) 101 Keyboard/Mouse port Yes

One External Floppy Drive port Yes

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

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**NoteDock™ Port Replicator (Optional)** Part# PA2711UX

Two Type III CardBus ready PC Card slots Yes: each slot supports one card

Supported Interfaces Serial, parallel, PS/2 keyboard, PS/2 mouse, AC in, SVGA monitor, lock slot, joystick/MIDI, audio line-in, line-out, headphone, microphone

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### POWER

**INTERNAL Autosensing AC power supply** Yes

Input (Voltage/Frequency) 100-240V; 50-60Hz

Output (Voltage/Amps) 18 VDC; 2.0A

Power Output (Watts) 30W

Battery Type: NiMH(12V, 2800mAh) Yes: Part# PA2439UR

Battery Life: (Full Power/Low Power) 2.5/3.0 hrs.

Recharge Time (Computer Off/On) 1.5-2.0 hrs.(Off) /3-11 hrs.(On)

MaxTime® Power Management Yes

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<sup>2</sup> Holds two - 5mm PC Cards Type II or one - 10.5mm PC Card Type III.

# Satellite 200CDS Product Specifications

## Satellite 200CDS

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<b>SOUND SYSTEM (All Models)</b>		
Chipsets:	ESS Technologies ESS688 & Yamaha OPL3 (YMF262)	
16 bit stereo audio playback/record	Yes	
Maximum Sampling Rate	44.1 kHz	
Half duplex function	Yes	
Sound formats supported:	SoundBlaster Prø™ 3.01, .WAV, MIDI, Zoomed video port audio (stereo)	
DirectSound support	Yes: with Windows 95 Game SDK driver from Microsoft	
Built-in Microphone	Yes	
Koss Stereo Headset	Included	
Speaker system:	Single front-mounted speaker with volume control	
<b>DIMENSIONS</b>		
	11.77"W x 9.25"D x 2.2"H	
<b>WEIGHT (includes 1.32 lbs. battery)</b>		
	7.9 LBS.	
<b>BUNDLED SOFTWARE (All Models)<sup>3</sup></b>		
<i>NOTE: Satellite205CS offers Windows 95 only</i>	<i>User selectable</i> Windows 95 or Windows for Workgroups 3.11 and MS-DOS 6.22® w/Special Enhancements; Intel Indeo Videø™; Sony Screeners™; Mediamatics Arcade Player, magiCDis™, Puma TranXit (Infrared software), System Soft™ Card & Socket Services ESS Sound System, Maxtime, Fn-ess™, Hypertext online documentation	
<b>SECURITY (All Models)</b>		
	Lock slot, power-on & HDD password, screen blank, keyboard lock	
<b>WARRANTY<sup>3</sup></b>		
	3 YR Parts & Labor	
<b>ENVIRONMENTAL SPECIFICATIONS</b>		
Temperature:	Operating	41°F (5°C) to 95°F (35°C)
	Non-operating	-4°F (-20°C) to 149° (65°C)
	Thermal Gradient	20° C per hour (max.)
Relative Humidity:	Operating	20% to 80% non-condensing
	Non-operating	10% to 90% non-condensing
Altitude:	Operating	-197 to 9,843ft. (-60 to 3000m)
	Non-operating	-197 to 32,808ft. (-60 to 10,000m)
Shock:	Operating	10G; 1.5G w/CD-ROM installed
	Non-operating	60G; 50G w/CD-ROM installed
Vibration:	Operating	0.5G; 0.25G w/CD-ROM installed
	Non-operating	1G; 1G w/CD-ROM installed

3. Satellite 205CDS (Part# PA1234U-S6A) is the Retail equivalent of the Satellite 200CDS, and comes with a ~~one~~ **three year** warranty and the following additional Windows 95 software: Microsoft Works 4.0, Microsoft Schedule Plus 7.0, Microsoft Money 4.0, and Microsoft golf 2.0, Microsoft Return of Arcade, and Microsoft Greeting Workshop.