

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
--	--------------------------

KEYBOARD

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

Integrated Pointing Device	AccuPoint™
-----------------------------------	------------

Satellite 200CDS Product Specifications

Satellite 200CDS

810 Million Bytes: PA1234U-S2A

STORAGE

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

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)

EXPANSION SLOTS

Two Stacked PC Card Slot² Yes: ZV Card Ready
 16-bit, 5.0V PC Card Support Yes
 Internal Memory Slot (One only) Yes

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

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

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

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

Satellite 200CDS Product Specifications

Satellite 200CDS

810 Million Bytes: PA1234U-S2A

SOUND SYSTEM (All Models)		
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 Pro™ 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	
DIMENSIONS		
	11.77"W x 9.25"D x 2.2"H	
WEIGHT (includes 1.32 lbs. battery)		
	7.9 LBS.	
BUNDLED SOFTWARE (All Models)³		
<i>NOTE: Satellite205CS offers Windows™ 95 only</i>	<i>User selectable</i> Windows 95 <i>or</i> Windows for Workgroups 3.11 and MS-DOS 6.22® w/Special Enhancements; Intel Indeo Video™; Sony Screeners™; Mediamatics Arcade Player, magiCDisc™, Puma TranXit (Infrared software), System Soft™ Card & Socket Services ESS Sound System, Maxtime, Fn-esse™, Hypertext online documentation	
SECURITY (All Models)		
	Lock slot, power-on & HDD password, screen blank, keyboard lock	
WARRANTY³		
	3 YR Parts & Labor	
ENVIRONMENTAL SPECIFICATIONS		
	<u>Operating</u>	<u>Non-operating</u>
Temperature:	41°F (5°C) to 95°F (35°C)	-4°F (-20°C) to 149° (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; 1.5G w/CD-ROM installed	60G; 50G w/CD-ROM installed
Vibration:	0.5G; 0.25G w/CD-ROM installed	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 year** warranty and the following additional Windows 95 software: Microsoft Works 4.0, Microsoft Schedule Plus 7.0, Microsoft Money 4.0, Microsoft Return of Arcade, and Microsoft Greeting Workshop.