

# TOSHIBA PORTEGE 300CT Specifications

## PART# PA1127U-T2A

<b>PROCESSOR</b>	Intel Pentium® 133Mhz (2.5v/3.3v) w/MMX Technology
External data bus width	64 bit
External data/address bus speed	66 MHz
Integrated Coprocessor	Yes
Processor Cache	32KB: (16KB code; 16KB data)
<b>LEVEL 2 (L2) CACHE</b>	Yes: 256KB
Data Memory Type	1 Mbit Pipelined Burst Synchronous SRAM (32K x 32bit x 2, 3.3V)
Data Bus Width	64 Bit
Access Time	8 ns
Cacheable main memory area	Up to 64 MB
Local Bus Clock Speed	66 Mhz
<b>SYSTEM ARCHITECTURE</b>	
PCI Bus: (32-bit, 33 MHz)	Connecting Devices: PC Card Slots, Graphics Controller
ISA Bus: (16-bit, 8mhz)	Connecting Devices: BIOS, FDD, HDD, KBC, Sound chip
<b>MEMORY: 64Mbit EDO DRAM, 3.3V</b>	
Standard	32 MB
Maximum	64 MB
Speed	60ns
Hyper Page mode memory access	Yes
Data width	64 bit
Local Bus Clock Speed	66 MHz
<b>BIOS</b> (2Mbit FLASH EPROM, 120ns)	256KB: Supports APM (v.1.2); VESA (v2.0); DPMS, DCC2, DMI, PCI
PnP 1.0a SUPPORT	Yes
<b>DISPLAY</b>	
Type	Panoramic Active Matrix Color (16:9 aspect ratio)
Size	10.4" Diagonal
Dot Pitch	0.22mm x 0.22mm
Contrast Ratio	100:1 (min)
<b>VIDEO</b>	
Memory: 4Mbit EDO DRAM, 3V	2 MB
Speed	50ns
Hyper Page mode support	Yes
Controller Chip	Chips & Technology (B65554) <i>w/64-bit Data Bus Width</i>
PCI Bus Architecture w/burst mode	Yes: 32-bit, 33 MHz
Graphics Accelerator:	Yes: Supports 64-bit BitBLT, H/W Cursor, DirectDraw, Direct3D
Digital Video Accelerator:	Yes
YUV-to-RGB color space conversion	Yes
Scaling Support	Yes
Zoomed Video Port Support	Yes
Interpolation	Yes
DirectVideo, DirectMPEG support	Yes
Internal Resolution	1024 x 600 x 64K/64K colors
Smaller Image	640 x 480 x 64K/64K colors
Smaller Image	800 x 600 x 64K/64K colors
External Resolution	<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
1280 x 1024	256 colors/256K (interlace only)
Refresh Rate (@ 1024 x 768 Non-Interlaced )	Vert.: 60Hz @ 64K colors



# TOSHIBA PORTEGE 300CT Specifications

## PART# PA1127U-T2A

<b>INTERNAL MODEM</b>	33.6 /14.4 Kbps Data/Fax modem <i>w/V.80 support for Video Conferencing</i>	
DAA Support	US/Canada and Euro/Asia	
Data support	Protocols supported	Bell-103/212A, CCITT-V.21/V.22, V.32, V.32bis, V.34, V.80
	Error correction	MNP 1-4
	Data compression	MNP 5, CCITV V.42bis
Fax support	Fax class 1	
Protocols supported	V.21 ch2, V.27 ter, V.29, V.17	
Supported Functions	Speaker Phone, Telephony Answering Machine, Ring Wake-up Resume, Incoming Call Discrimination, Caller ID	

<b>SOUND SYSTEM</b>		
Chipsets:	Yamaha OPL3-SA3	
16 bit stereo audio playback/record	Yes	
Maximum Sampling Rate	48 kHz	
FM Synthesis support	Yes	
Built-in Speaker	Yes (monaural)	
Built in Microphone	Yes (monaural)	
Full duplex supported	Yes	
DirectSound, Direct3DSound support	Yes	
Sound formats supported:	SoundBlaster Pro™, MIDI, .WAV	

<b>Multimedia Port Replicator (Optional)</b>	<b>Part# PA2661U</b>	
10x Average Speed CD-ROM	Yes: See CD-ROM section for details	
One 9-Pin Serial (16550 UART compliant)	Yes	
One 25-Pin Parallel (8 bit ECP)	Yes	
One External Floppy Drive port	Yes	
One (PS/2) 101 Keyboard/Mouse port	Yes: "Y"connector supported	
One Universal Serial Bus (USB) port	Yes: Supports 127 devices. Throughput Rate: 12Mbits/sec.	
One Microphone (3.5mm mini jack, monoaural)	Yes	
One Headphone (3.5mm mini jack, stereo)	Yes	
One Line-in (3.5mm mini jack, stereo, 2V rms)	Yes	
One Line-out (3.5mm mini jack, stereo, 0.7V rms)	Yes	

<b>DIMENSIONS</b>	10.35"W x 1.38"H x 7.56"D	
<b>WEIGHT (includes . 6 lb. battery)</b>	3.75 LBS.	

**BUNDLED SOFTWARE:**  
*User Selectable* Windows 95 *or* Windows for Work Groupos 3.11 and MS-DOS 6.22 with Enhancements; MagiCDisk; SystemSoft Cardworks; Puma Transit 97; Fn-esse™, Master Disk Creator Online documentation; Online Registration Program

<b>SECURITY</b>	Miscellaneous	Screen blank (by Hotkey)
	Lock mechanisms	PC Card, keyboard (by Hotkey), Noteworthy cable lock
	Password security	Power-on, supervisor, HDD

<b>WARRANTY</b>	3 YR Parts & Labor	
-----------------	--------------------	--

<b>ENVIRONMENTAL SPECIFICATIONS</b>		
	<b>Operating</b>	<b>Non-operating</b>
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; 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