TECRA 700 SERIES Product Specifications

	700CS	700CT
	1.2 Billion Bytes: PA1214U-S2A	1.2 Billion Bytes: PA1214U-T2A
PROCESSOR		
Intel SL-Enh. Pentium 120Mhz (2.9v/3.3v)	Yes	Yes
Integrated Coprocessor	Yes	Yes
Processor Cache	16KB: (8KB code; 8KB data)	16KB: (8KB code; 8KB data)
PCI BUS SYSTEM ARCHITECTURE	Yes	Yes
STORAGE		
Removeable HDD (2.5" IDE)	1.2 billion bytes=1.13GB (12msec)	1.2 billion bytes=1.13GB (12msec)
Modular FDD (3.5" 1.44MB)	Integrated/Swappable with CD	Integrated/Swappable with CD
FDD Dimensions	5.1"L x 3.7"W x .6"H	5.1"L x 3.7"W x .6"H
FDD Weight	Weight: .29 lbs	Weight: .29 lbs
Modular CD-ROM: Toshiba XM-1202B		
5.25"Quad-speed (4x)	*Optional/Swappable with FDD*	*Optional/Swappable with FDD*
Interface	.ATAPI (Enhanced IDE)	.ATAPI (Enhanced IDE)
Average Access Time	210 ms	210 ms
Sustained Transfer Rate	684 KB/sec	684 KB/sec
Supported Disc formats	CD-DA, CD-ROM, CD-ROM XA, Audio CD, Photo-CD, Multisession, CD-Bridge, CD-I, CD-I Ready, ISO 9660 compliant Disc	
MEMORY: 16Mbit **SYNCHRONOUS DRAM,** 3.3V		
Standard	8MB	16MB
Maximum	40MB	48MB
Speed (100MHz)	10ns	10ns
Data width	64 bit	64 bit
BIOS (256KB FLASH EPROM, 120ns)	Yes	Yes
PnP 1.0a SUPPORT	Yes	Yes
DISPLAY		
Type	Dual Scan Color Passive Matrix	TFT Active Matrix Color
Size	11.3" (9"W x 6.75"H)	11.3" (9"W x 6.75"H)
Dot Pitch	.28mm x .28mm	.28mm x .28mm
Contrast Ratio	25:1 (typ); 15:1 (min)	100:1 (min)
VIDEO		
VRAM: 4Mbit DRAM, 5V	1 MB	1 MB
Speed	60ns	60ns
Controller Chip	C&T CT65548	C&T CT65548
Bus Type	PCI Bus Architecture w/burst mode	PCI Bus Architecture w/burst mode
Graphics Accelerator	BitBLT support	BitBLT support
Color Palette	226,981 colors	262,144 colors
Internal Resolution	800 x 600 x 256 colors	800 x 600 x 64K colors
Virtual Display Mode	640 x 480 x 256 colors	640 x 480 x 64K colors
	N/A	1024 x 768 x 256 colors
External Resolution[1]	Colors/Palette	Colors/Palette
640 x 480	16.7M colors/16.7M colors	16.7M colors/16.7M colors
800 x 600	64K colors/64K colors	64K colors/64K colors
1024 x 768	256 colors/256K	256 colors/256K
Refresh Rate(Vert./Hor.)[2]	70Hz/58Hz	70Hz/58Hz
KEYBOARD		
82 keys, 3mm Travel	Yes	Yes
12 dedicated function keys	Yes	Yes
Cursor control (8 Keys, Inverted "T")	Yes	Yes
Numeric keypad (Integrated Overlay)	Yes	Yes
Integrated Pointing Device	AccuPoint™	AccuPoint™

[1] *SVGA color requires Windows driver included by Toshiba.* Simultaneous viewing not provided at resolutions greater than 800 x 600 x 256colors.
[2] Refresh rate taken @ 1024x768 Non-Interlaced.

TECRA 700 SERIES Product Specifications

	700CS (con.)	**700CT (con.)**
	1.2 Billion Bytes: PA1214U-S2A	1.2 Billion Bytes: PA1214U-T2A
EXPANSION SLOTS		
One Stacked PC Card Slot *(Both models)*	Yes: Holds two - 5mm PC Cards Type II or one - 10.5mm PC Card Type III.	
Internal Memory Slot	Yes	Yes
EXPANSION PORTS		
One 9-Pin Serial (16550 UART compliant)	Yes	Yes
One 25-Pin Parallel (ECP)	Yes	Yes
One 15-Pin RGB (SVGA video)	Yes	Yes
One 101 Key Keyboard port (PS/2)	Yes	Yes
One PS/2 Mouse Port	Yes	Yes
One External Floppy Drive port	Yes	Yes
Microphone (monoaural)	Yes	Yes
Headphone (stereo)	Yes	Yes
Serial Infrared port	Yes: IrDA 115.2Kbps compatible	Yes: IrDA 115.2Kbps compatible
Desk Station V (Optional)	Part# PA2712U	Part# PA2712U
(2) Full length 32-bit PCI/16-bit ISA slots	Yes	Yes
(1) Half Length 32-bit PCI slot	Yes	Yes
(2) Type III PC Card slots	Yes	Yes
Built-in SCSI II	Yes	Yes
5.25" half height drive bay	Yes	Yes
Select Bay for Modular FDD or CD-ROM	Yes	Yes
Designed for Windows 95 and PNP	Yes	Yes
Hot Docking Support	Yes	Yes
POWER		
Autosensing External AC Adapter:NW2484U	6.9"L x 2.9"W x .9" --- .5 lbs.	6.9"L x 2.9"W x .9" --- .5 lbs.
Input (Voltage/Frequency)	100-240V; 50-60Hz	100-240V; 50-60Hz
Output (Voltage/Amps)	15 VDC; 2.7A (max)	15 VDC; 2.7A (max)
Power Output (Watts)	40W	40W
Battery Type: Li-Ion (10.8V, 5600mAH)	Yes: Part# PA2485UR	Yes: Part# PA2485UR
Battery Life: (Full Power/Low Power)	3 hrs./ 5 hrs.	3 hrs./ 5 hrs.
Recharge Time (Computer Off/On)	4 hrs.(Off) /4.5-10.5 hrs.(On)	4 hrs.(Off) /4.5-10.5 hrs.(On)
MaxTime® Power Management	Yes	Yes
SOUND SYSTEM (All Models)	16bit stereo. Supports SoundBlaster Pro™, .WAV & MIDI files	
w/twin top-mounted stereo speakers	Chipsets: ESS Technologies ESS688 & Yamaha OPL3 (YMF262)	
DIMENSIONS	11.8"W x 9.1"D x 2.3"H	11.8"W x 9.1"D x 2.3"H
WEIGHT *(includes 1.32 lbs. Battery)*	7.5 LBS.	7.5 LBS.
BUNDLED SOFTWARE (All Models)	*Choice of* Windows 95 *or* Windows for Workgroups 3.11 and MS-DOS 6.22® w/Special Enhancements; ESS Sound System; Run-Time Video for Windows®; Intel Indeo 4; Card and Socket Services Puma TranXit (Infrared software)	
SECURITY (All Models)	Kensingtion® slot, Power-on password, screen blank, keyboard lock	
WARRANTY	3 YR Parts & Labor	3 YR Parts & Labor
ENVIRONMENTAL SPECIFICATIONS	<u>Operating</u>	<u>Non-operating</u>
Temperature:	32°F (0°C) to 104°F (40°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 95% non-condensing
Altitude:	-197 to 9,843ft.	-197 to 32,810ft.
Shock:	10G	60G
Vibration:	0.5G	1G