TECRA 720CDT / 710CDT Product Specifications

	710CDT 1.2 Billion Bytes: PA1218U-T2C	720CDT 1.2 Billion Bytes: PA1219U-T2C
PROCESSOR		
Intel Pentium® 133Mhz (2.9v/3.3v) w/VRT	Yes	Yes
External data bus width	64 bit	64 bit
External data/address bus speed	66 MHz	66 MHz
Integrated Coprocessor	Yes	Yes
Processor Cache	16KB: (8KB code; 8KB data)	16KB: (8KB code; 8KB data)
LEVEL 2 (L2) CACHE	Yes	Yes
Data Bus Width	64 bit	64 bit
Data Bus Speed	66 MHz	66 MHz
DATA RAM:	Yes	Yes
1 Mbit Pipelined Burst Synchronous SRAM	(32K x 32bit, 3.3V) x 2	(32K x 32bit, 3.3V) x 2
Access Time	8 ns	8 ns
TAG-RAM:	Yes	Yes
256Kbit Asynchronous SRAM	(32K x 8bit, 3.3V) x 1	(32K x 8bit, 3.3V) x 1
Access Time	14ns	14ns
PCI BUS SYSTEM ARCHITECTURE	Yes: 32-bit, 33 MHz	Yes: 32-bit, 33 MHz
MEMORY: 16Mbit **EDO DRAM,** 3.3V		
Standard	16 MB	16 MB
Maximum	144 MB	144 MB
Speed	60ns	60ns
Hyper Page mode memory access	Yes	Yes
Data width	64 bit	64 bit
BIOS (256KB FLASH EPROM, 150ns, 5V)	Yes	Yes
PnP 1.0a SUPPORT	Yes	Yes
DISPLAY		
Type	TFT Active Matrix Color	TFT Active Matrix Color
Size	12.1" (9.68"W x 7.26"H)	12.1" (9.68"W x 7.26"H)
Dot Pitch	.30mm x .30mm	.24mm x .24mm
Contrast Ratio	100:1 (min)	100:1 (min)
VIDEO		
VRAM: 4Mbit EDO DRAM, 5V	2 MB	2 MB
Speed	50ns	50ns
Hyper Page mode support	Yes	Yes
Controller Chip	C&T HIQV32 (CT65550)	C&T HIQV32 (CT65550)
PCI Bus Architecture w/burst mode	Yes: 32-bit, 33 MHz	Yes: 32-bit, 33 MHz
Graphics Accelerator:	Yes	Yes
64-bit BitBLT, LINEdraw, H/W Cursor	Yes	Yes
Video Accelerator:	Yes	Yes
YUV-to-RGB color space conversion	Yes	Yes
Scaling Support	Yes	Yes
Zoomed Video Port Support	Yes	Yes
DirectVideo support	Yes:w/Game SDK driver fr/Microsoft	Yes:w/Game SDK driver fr/Microsoft
Color Palette	16.7M colors	16.7M colors
Internal Resolution — Full Screen Image	800 x 600 x 16.7M/16.7M colors	1024 x 768 x 64K/64K colors
Smaller Image	640 x 480 x 16.7M/16.7M colors	640 x 480 x 64K/64K colors
Smaller Image	N/A	800 x 600 x 64K/64K colors
Virtual Display Mode	1024 x 768 x 64K/64K colors	N/A
Virtual Display Mode	1280 x 1024 x 256/256K colors	1280 x 1024 x 256/256K colors
External Resolution	Colors/Palette	Colors/Palette
640 x 480	16.7M colors/16.7M colors	16.7M colors/16.7M colors
800 x 600	16.7M colors/16.7M colors	16.7M colors/16.7M colors
1024 x 768	64K colors/64K	64K colors/64K
1280 x 1024	256 colors/256K	256 colors/256K
Refresh Rate (taken.@ 1024x768 Non-Interlaced)	Vert.: 75Hz; Hor.: 60kHz	Vert.: 75Hz; Hor.: 60kHz

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	710CDT	**720CDT**
STORAGE		
Removeable HDD (2.5" Enhanced IDE)	1.2 billion bytes=1.13GB (13msec)	1.2 billion bytes=1.13GB (13msec)
SELECT BAY DEVICES		
Modular FDD (3.5" 1.44MB)	Included/Swappable with CD-ROM	Included/Swappable with CD-ROM
FDD Dimensions	4.57"L x 3.8"W x .59"H	4.57"L x 3.8"W x .59"H
FDD Weight	Weight: .29 lbs	Weight: .29 lbs
Simultaneous FDD & CD-ROM Support	Yes: External FDD adapter included	Yes: External FDD adapter included
FDD Adapter Dimensions	7.0"L x 5.5"W	7.0"L x 5.5"W
FDD Adapter Weight	.25 lbs	.25 lbs
Modular CD-ROM: Toshiba XM-1402B		
5.25" 6x-speed	*Installed/Swappable with FDD*	*Installed/Swappable with FDD*
Interface	.ATAPI (Enhanced IDE)	.ATAPI (Enhanced IDE)
Random Access Time	190 ms	190 ms
Sustained Transfer Rate	1,026 KB/sec	1,026 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)	
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™
EXPANSION SLOTS		
Two Stacked PC Card Slot[2]	Yes: CardBus & ZV Card Ready	Yes: CardBus & ZV Card Ready
32-bit, 3.3V PC CardBus Support	Yes	Yes
16-bit, 5.0V PC Card Support	Yes	Yes
Internal Memory Slot (One only)	Yes	Yes
EXPANSION PORTS		
One RJ-11 port for internal modem (supplied)	Yes	Yes
One 9-Pin Serial (16550 UART compliant)	Yes	Yes
One 25-Pin Parallel (8 bit ECP)	Yes	Yes
One 15-Pin RGB (SVGA video)	Yes	Yes
Serial Infrared port	Yes: IrDA 115.2Kbps compatible	Yes: IrDA 115.2Kbps compatible
One (PS/2) 101 Keyboard/Mouse port	Yes	Yes
One External Floppy Drive port	Yes	Yes
Microphone (3.5mm mini jack, monoaural)	Yes	Yes
Headphone (3.5mm mini jack, stereo)	Yes	Yes
Line-in (3.5mm mini jack, stereo, 2V rms)	Yes	Yes
Line-out (3.5mm mini jack, stereo, 0.7V rms)	Yes	Yes
Noteworthy security lock port	Yes	Yes
INTERNAL MODEM (All Models)	28.8 /14.4 Kbps Data/Fax modem	
Data support		
Protocols supported	Bell-103/212A, CCITT-V.21/V.22, V.32, V.32bis, V.34	
Error correction	MNP 1-4	
Data compression	MNP 5, CCITT V.42 bis	
Fax support		
Protocols supported	V.21 ch2, V.27 ter, V.29, V.17	
Fax class	1	
Supported Functions	Speaker phone, Telephony Answering Machine, Ring Wake-up Resume Incoming Call Discrimination, Caller ID	

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

TECRA 720CDT / 710CDT Product Specifications

	710CDT (con.)	720CDT (con.)
	1.2 Billion Bytes: PA1218U-T2C	1.2 Billion Bytes: PA1219U-T2C

NoteDock II™ Port Replicator (Optional)	Part# PA2713U *(for use with Tecra 710CDT or 720CDT only)*	
Two Type III CardBus ready PC Card slots	Yes: each slot supports one card	
Supported Interfaces	Serial, parallel, PS/2 keyboard, PS/2 mouse, DC in, SVGA monitor, lock slot , joystick/MIDI, audio line-in, line-out, headphone, microphone	

Desk Station V Plus (Optional)	Part# PA2710U	Part# PA2710U
(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	5.51"L x 2.95"W x .98" --- .75 lbs.	5.51"L x 2.95"W x .98" --- .75 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)	4 hrs. (max)	4 hrs. (max)
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)		
Chipsets:	Crystal Semiconductor CS4232, Yamaha OPL3 (YMF262), Yamaha D/A converter (YAC512)	
16 bit stereo audio playback/record	Yes	
Full duplex function	Yes	
Sound formats supported:	SoundBlaster Pro™, .WAV, MIDI, Zoomed video port audio (stereo), CardBus audio (monaural), CD-ROM audio	
DirectSound support	Yes: with Windows 95 Game SDK driver from Microsoft	
Speaker system:	Two top-mounted stereo speakers (28mm, 8 Ω)	

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)*	< 8.0 LBS.	< 8.0 LBS.

BUNDLED SOFTWARE (All Models)	*User selectable* Windows 95 *or* Windows for Workgroups 3.11 and MS-DOS 6.22® w/Special Enhancements; Intel Indeo Video™; Synchro multimedia connect Communications utilities; Sony Music Screeners™; Mediamatics MPEG Arcade Player, America Online™, CompuServe®, Netscape Navigator™, magiCDisc™, Personal Journal, Fn-esse™, Hypertext online documentation	

SECURITY (All Models)	Lock slot, power-on & HDD password, screen blank, keyboard lock	
WARRANTY	3 YR Parts & Labor	3 YR Parts & Labor

ENVIRONMENTAL SPECIFICATIONS			
Temperature:	Operating	41°F (5°C) to 95°F (35°C)	41°F (5°C) to 95°F (35°C)
	Non-operating	-4°F (-20°C) to 149° (65°C)	-4°F (-20°C) to 149° (65°C)
	Thermal Gradient	20° C per hour (max.)	20° C per hour (max.)
Relative Humidity:	Operating	20% to 80% non-condensing	20% to 80% non-condensing
	Non-operating	10% to 95% non-condensing	10% to 95% non-condensing
Altitude:	Operating	-197 to 9,843ft. (-60 to 3000m)	-197 to 9,843ft. (-60 to 3000m)
	Non-operating	-197 to 32,808ft. (-60 to 10,000m)	-197 to 32,808ft. (-60 to 10,000m)
Shock:	Operating	10G; 1.5G w/CD-ROM installed	10G; 1.5G w/CD-ROM installed
	Non-operating	60G; 50G w/CD-ROM installed	60G; 50G w/CD-ROM installed
Vibration:	Operating	0.5G; 0.25G w/CD-ROM installed	0.5G; 0.25G w/CD-ROM installed
	Non-operating	1G; 1G w/CD-ROM installed	1G; 1G w/CD-ROM installed