TECRA 730CDT Product Specifications

	730CDT
	2.1 Billion Bytes: PA1228U-T2C

PROCESSOR	
Intel Pentium® 150Mhz (3.1v/3.3v) w/VRT	Yes
External data bus width	64 bit
External data/address bus speed	60 MHz
Integrated Coprocessor	Yes
Processor Cache	16KB: (8KB code; 8KB data)

LEVEL 2 (L2) CACHE	Yes
Data Bus Width	64 bit
Data Bus Speed	60 MHz
DATA RAM:	Yes
1 Mbit Pipelined Burst Synchronous SRAM	(32K x 32bit, 3.3V) x 2
Access Time	8 ns
TAG-RAM:	Yes
256Kbit Asynchronous SRAM	(32K x 8bit, 3.3V) x 1
Access Time	14ns

PCI BUS SYSTEM ARCHITECTURE	Yes: 32-bit, 30 MHz

MEMORY: 16Mbit **EDO DRAM,** 3.3V	
Standard	16 MB
Maximum	144 MB
Speed	60ns
Hyper Page mode memory access	Yes
Data width	64 bit
BIOS (256KB FLASH EPROM, 120ns, 5V)	Yes
PnP 1.0a SUPPORT	Yes

DISPLAY	
Type	TFT Active Matrix Color
Size	12.1" (9.68"W x 7.26"H)
Dot Pitch	.24mm x .24mm
Contrast Ratio	100:1 (min)

VIDEO	
Memory: 4Mbit EDO DRAM, 5V	2 MB
Speed	50ns
Hyper Page mode support	Yes
Controller Chip	C&T HIQV32 (CT65550)
PCI Bus Architecture w/burst mode	Yes: 32-bit, 30 MHz
Graphics Accelerator:	Yes
64-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[1]	1024 x 768 x 64K/64K colors
Smaller Image	640 x 480 x 64K/64K colors
Smaller Image	800 x 600 x 64K/64K colors
	N/A
Virtual Display Mode	1280 x 1024 x 256/256K colors

External Resolution		Colors/Palette
	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
Refresh Rate		Vert.: 60Hz; Hor.: 48.5kHz (taken.@ 1024x768/64K colors Non-Interlaced)

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STORAGE	
Removeable HDD (2.5" Enhanced IDE)	2.1 Billion Bytes=2.02GB (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	190 ms
Sustained Transfer Rate	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
12 dedicated function keys	Yes
Cursor control (8 Keys, Inverted "T")	Yes
Numeric keypad (Integrated Overlay)	Yes
Integrated Pointing Device	AccuPoint™
EXPANSION SLOTS	
Two Stacked PC Card Slot[2]	Yes: CardBus & ZV Card Ready
32-bit, 3.3V PC CardBus Support	Yes
16-bit, 5.0V PC Card Support	Yes
Internal Memory Slot (One only)	Yes
EXPANSION PORTS	
One RJ-11 port for internal modem (supplied)	Yes
One 9-Pin Serial (16550 UART compliant)	Yes
One 25-Pin Parallel (8 bit ECP)	Yes
One 15-Pin RGB (SVGA video)	Yes
Serial Infrared port (back only)	Yes: IrDA 115.2Kbps compatible
One (PS/2) 101 Keyboard/Mouse port	Yes
One External Floppy Drive port	Yes
Microphone (3.5mm mini jack, monoaural)	Yes
Headphone (3.5mm mini jack, stereo)	Yes: (16 Ω min)
Line-in (3.5mm mini jack, stereo, 2V rms)	Yes
Line-out (3.5mm mini jack, stereo, 0.7V rms)	Yes
Noteworthy security lock port	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.22bis, V.23, VV.32, V.32bis, V.32 terbo, 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.

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NoteDock II™ Port Replicator (Optional)	Part# PA2713U *(for Tecra 500Series, 710CDT, 720CDT, & 730CDT)*
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
(2) Full length 32-bit PCI/16-bit ISA slots	Yes
(1) Half Length 32-bit PCI slot	Yes
(2) Type III PC Card slots	Yes
Built-in SCSI II	Yes
5.25" half height drive bay	Yes
Select Bay for Modular FDD or CD-ROM	Yes
Designed for Windows 95 and PNP	Yes
Hot Docking Support	Yes

POWER	
Autosensing External AC Adapter:NW2484U	5.51"L x 2.95"W x .98" --- .75 lbs.
Input (Voltage/Frequency)	100-240V; 50-60Hz
Output (Voltage/Amps)	15 VDC; 2.7A (max)
Power Output (Watts)	40W
Battery Type: Li-Ion (10.8V, 5600mAH)	Yes: Part# PA2485UR
Battery Life: (Full Power/Low Power)	2.75 hrs. - 3.5 hrs.
Recharge Time (Computer Off/On)	4 hrs.(Off) /4.5-11 hrs.(On)
MaxTime® Power Management	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	11.7"W x 9.0"D x 2.3"H
WEIGHT *(includes 1.32 lbs. battery)*	8.2 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,
	Netscape Navigator™ Personal Edition, magiCDisc™,
	Dow Jones Personal Journal, Fn-esse™, Hypertext online documentation

SECURITY (All Models)	Lock slot, power-on, supervisor, HDD access, & Desk Station Eject password

WARRANTY	3 YR Parts & Labor

ENVIRONMENTAL SPECIFICATIONS	Operating	Non-operating
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	
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