

T4900CT

General Information

Model number: T4900CT Color TFT-LCD active matrix display 772MB
PA1205U-T2A (FCC ID# CJ6UK454))
Dimensions: T4900CT - 11.7"X x 8.3"D x 2.2"H
Weight: 6.9lbs. with battery pack (battery: 1.2 lbs.)
Voltage: Computer DC input: 18VDC, 1.7A
Universal AC adapter: 100-240 VAC 50-60 Hz
1.0"H x 2.95"W x 5.5"D
Batteries: Removable rechargeable NiMH battery pack (12V
2600mAh)
2 + hrs. battery life per charge;
recharges in 2hrs. off/4 - 6 hrs. on
Internal NiMH backup battery for memory backup,
vanadium lithium RTC battery for real time clock
CPU: 3.3V SL enhanced Pentium P54C 75MHz (16KB internal
cache;
integrated math co-processor)
RAM memory: 8MB standard, 3.3 volt operation (640KB conventional
memory plus 7.360MB which can be configured as RAM
disk,
expanded (LIM/EMS 4.0), and/or extended memory, plus
192KB shadow ROM Memory expandable up to 40MB (60ns,
64 bit) using 4, 8, 16 or 32MB user installable
credit
card style memory, Note: Uses EDO memory
Video: 1MB video RAM (4Mbit DRAM x 2, 70ns, 32bit)
Vesa Local-bus video and graphics accelerator with
BitBLT, C&T F65545 3.3V
Number of keys: 82
Keyboard type: 101-key keyboard compatible. Full-function 82-key
sculptured keyboard with 12 dedicated function keys
and
8 dedicated cursor control keys. Arrow keys arranged
in
an inverted "T" pattern.
Numeric keypad: Integrated overlay
Drives: One 1.44MB 3.5" floppy disk drive, One 772MB (810
million byte) hard disk drive
Standard features: MaxTime™ power management capabilities
including:
AutoResume safety data protection
Resume electronic bookmark
Selectable processing speeds
CPU sleep mode
Automatic display and hard drive power down
Low battery warning and audible alarm
System auto off
LCD brightness
Battery save mode
Speaker volume
Software sounds
Panel power
Alarm power on setup
Critical battery alarm setup
MaxTime(R) display style setup

Auto on timer
Sound card power
Panel close alarm
Digital battery gauge
HWSetup™ System Configuration
Memory information
HDD size and enabling
Serial port/Parallel port setup
Pointing device setup
Display setup
CPU cache enable
Hotkey
Boot Priority
Sound system address/power
Ext. keyboard Fn key configuration
APM integrated in system BIOS
QuickRead status icons
System control hotkeys including instant hotkey
screen blank
128KB BIOS in Flash ROM (150ns access speed)
Password protection
VESA(R) in BIOS
Stretch in BIOS
Shadow BIOS ROM
System reset button
3 year U.S. and International warranty (One year
warranty on battery)
Product Support
Meets standards for EPA Energy Star Computer Program
Preinstalled software: MS-DOS(R) 6.22 operating system w/Enhancements
Windows For Workgroups 3.11 or Windows 3.11
Windows Sound System 2.1
Run Time Video for Windows 1.2
Indeo™ Video 3.2
Fn-esse
MaxTime
Stretch
Toshiba Card Manager (v.3.0)
AccuPoint(TM) mouse driver
Advanced SVGA Video drivers for Windows
Hypertext on-line documentation (disk resident)
includes T4900CT reference manual
Pointing device: Integrated AccuPoint(TM) Pointing Device

Software Compatibility:

Compatible with software written for the IBM(R) PC/XT/AT
using VGA(R), EGA, or CGA resolution graphics modes.
IBM(R) super video graphics array (SVGA) compatible display system.
Microsoft Windows Sound System (wave and Midi audio)
compatible.

Interfaces

SVGA color video port (supports 640 x 480, 64K colors internal or
external;
800 x 600, 16 colors; 800 x 600, 256 colors; 1024x768, 16, 1024 x 768,
256 colors external) internally 640x480 moveable window at higher

resolutions

PCMCIA 2.01 compliant slot (10.5mm) supports type I, II, or III cards
PCMCIA 2.01 compliant type I or II slot (5mm)
9-pin RS-232-C serial port
Parallel/FDD printer
150-pin expansion bus connector for optional Desk Station IV docking station

station

PS/2 keyboard port
PS/2 mouse port
Credit card style memory slot
Kensington(R) cable lock slot
Audio-out headphone or external speaker jack stereo
Input jack for external microphone stereo

Audio System

16 bit sound
.WAV and MIDI audio compatibility
Built-in stereo speaker and microphone
Headphone or external speaker jack
Microphone jack
Chipsets: Analog Devices AD1848KP & Yamaha OPL3

Color TFT-LCD Active Matrix Display

Display area: 10.4" diagonal (8.3"W x 6.2"H)
Resolution: 640 x 480
Dot pitch: .33mm x .33mm
Aspect ratio: 1 : 1
Contrast: 100 : 1 max, 60 : 1 min
Colors: Up to 64K colors out of a palette of 256K in 640 x 480 mode
Simultaneous display to external monitor

2.5" 772MB (810 Million Byte) Hard Disk Drive with 32KB cache

IBM HDD: DVAA 2810
Interface: IDE
Average access time: 15ms
Recording method: RLL 1-7
Transfer rate: 24.9 - 36.0 Mbit/sec.

Hardware Switches and Controls

- 1) Power on/off
Located on left side of computer
- 2) Reset
Located on left side of computer
- 3) AccuPoint integrated pointing device
Located on front of computer

Environmental Specifications

- 1) Operating condition
 - Ambient temperature: 41 to 95 degrees F.
5 to 35 degrees C.
 - Relative humidity: 20% to 80% non-condensing
 - Altitude (from sea level): -60 to 3,000 meters

2) Non-Operating condition

Ambient temperature: -4 to 149 degrees F.
-20 to 65 degrees C.
Relative humidity: 10% to 90% non-condensing
Altitude (from sea level): 30,000 ft.

3) Wet bulb temperature condition

Ambient temperature: 79 degrees F. (26 degrees C.) maximum

HotKeys used with Fn key

Fn + F1 Instant security ON/OFF
Fn + F2 Battery save mode
Fn + F3 Resume/Boot mode
Fn + F4 Speaker volume adjustment - off, low,
medium, high - press key repeatedly to set level
Fn + F5 Internal/Simultaneous/External displays -
press key repeatedly to set choice
Fn + F10 Arrow (cursor control on numeric keypad overlay)
Fn + F11 Numeric keypad overlay
Fn + F12 Scroll Lock
Fn + Up/Down arrow Brightness adjustment
Fn + Alt Simulate IBM(R) enhanced keyboard Right ALT
Fn + Ctrl Simulate IBM(R) enhanced keyboard Right CTRL
Fn + Enter Simulate IBM(R) enhanced keyboard numeric keypad
enter

Options and Extra Accessories

PC-PA2012U 4MB 3.3V memory card
PC-PA2013U 8MB 3.3V memory card
NW2014U 16MB 3.3V memory card
NW2015U 32MB memory 3.3V memory card
NW144CR Noteworthy(TM) 14,400 bps Cellular-Ready data/fax modem,
PCMCIA Type II
NWTR01X Noteworthy(TM) PCMCIA type II Token Ring card
NWETH01X Noteworthy(TM) 10BaseT PCMCIA type II Ethernet card
NWETH02X Noteworthy(TM) 10Base2 PCMCIA type II Ethernet card
NW3270 Noteworthy(TM) PCMCIA type II 3270 emulation card
SW3270 IBM(R) PC/3270 software for NW3270 card
NWHD105M3 Noteworthy(TM) 105MB Hard disk drive, PCMCIA Type III
NWHD262M3 Noteworthy(TM) PCMCIA Type III 262MB hard disk drive
PA28064 Cryptocard PCMCIA Type II (DES) data encryption card
PA2429URA Battery pack, NiMH (2600mAh)
PC-PA2422U Battery pack recharger
PA2431U Universal AC adapter
PC-PA801L Statpower auto adapter (requires universal AC adapter)
PC-PA3350L Kensington(R) security cable lock
PC-PA2701U Deskstation IV
PC-PA180B PC pack carrying case (blue)
NWCCAFB Twin fabric carrying case
NWCCDFB Universal fabric carrying case
NWCCALB Twin Executive leather carrying case, black
NWCCBLB Leather expanded size carrying case
PC-PA877LX Fabric carrying case (no longer manufactured)
PC-PA1050L Leather attach, case

PA2209US	External PS/2 keyboard
NW500L	Noteworthy(TM) NewsCard(TM) wireless receiver, PCMCIA
Type II	
NW621P	17-key numeric keypad with pass through parallel
interface	
NW623S	17-key numeric keypad with serial interface
NWSCSI01	Noteworthy(TM) SCSI-II adapter, PCMCIA Type I
NWMOTO	Cellular direct connect cable kit (Motorola)
NWNOKI	Cellular direct connect cable kit (Nokia)