T4800CT

General Information

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  Model number:       T4800CT TFT Color display 500MB PA1161U-T2A  (FCC
ID# CJ6UK454)
  Dimensions:         T4800CT - 11.7"W x 8.3"D x 2.2"H
  Weight:             6.9lbs. with battery pack
  Voltage:            Computer DC input:     18VDC, 1.7A
                      Universal AC adapter:  100-240 VAC 50-60 Hz
  Batteries:          Removable rechargeable NiMH battery pack
                      2 + hrs. battery life per charge; recharges in
                      1.5 hrs. off/3 hrs. on
                      Internal NiMH backup battery for memory backup,
                      vanadium lithium RTC battery for real time clock
  CPU:                SL enhanced IntelDX4TM  DX4 75MHz (3.3 volt with
                      16KB internal cache; integrated math coprocessor)
  RAM memory:         8MB standard, 3.3 volt operation (640KB
                      conventional memory plus 7.25MB which can be
                      configured as RAM disk, expanded (LIM/EMS 4.0),
                      and/or extended memory, plus 128KB  shadow ROM
                      Memory expandable up to 24MB using 4, 8, or 16MB
                      3.3 volt user installable credit card style memory
  Video:              1MB video RAM
                      Local-bus video and graphics accelerator with
                      BitBLT WD90C24A or WD90C24A2
  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.
  Drives:             One 1.44MB 3.5" floppy disk drive; one 500MB hard
disk drive
  Standard features:    MaxTimeTM  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
                            Card modem power
                            Auto on timer
                            Panel close alarm
                            Digital/Analog battery gauge
                      HWSetupTM System Configuration including:
                            Memory information
                            HDD information
                            PCMCIA slot/Serial port/Parallel port setup
                            Display setup
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                        CPU cache enable
                        Hotkey enable
                        Boot Priority configuration
                        Sound system address configuration
                        Sound system power on/off
                        Ext. keyboard Fn key configuration
                  APM integrated in system BIOS
                  QuickRead status icons
                  System control hotkeys including instant hotkey
                  screen blank
                  BIOS in Flash ROM
                  Multi-level password protection
                  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) 6.21 operating system
                  Windows For Workgroups 3.11
                  Windows Sound System 2.1
                  Run Time Video for Windows 1.1
                  IndeoTM Video 3.1
                  UltraFont(TM) or Stretch
                  Toshiba Card Manager 3.0
                  MaxTime(R) utility for Windows 3.11
                  QuickPort(TM) drivers
                  Hypertext on-line documentation (disk resident)
                  includes T4800CT reference manual
  Pointing device:  BallPoint(R) mouse version 2.0 with cordless
QuickPortTM connection


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 audio) compatible.


Interfaces
  SVGA color video port (supports 640 x 480, 256 colors
  internal or external; 800 x 600, 16 colors; 800 x 600,
  256 colors; 1024 x 768, 256 colors external)
  PCMCIA 2.01 compliant slot (16mm) supports type I, II, or III cards
  PCMCIA 2.01 compliant slot (5mm) supports type I or II cards
  RS-232-C serial port
  Parallel printer/external diskette drive port
  150 pin expansion bus connector for optional Desk Station
  IV docking station or optional SCSI adapter
  PS/2 keyboard port
  PS/2 mouse port
  Credit card style memory slot
  Kensington(R) cable lock slot
  QuickPortTM connection for BallPoint(R) mouse
  Audio-out headphone or external speaker jack
  Input jack for external microphone
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Audio System
  16 bit sound
  Wave audio compatibility
  Built-in stereo speaker and microphone
  Headphone or external speaker jack
  Microphone jack


Color TFT-LCD Active Matrix Display
  Display area:         7.6"W x 5.7"H; 9.5" diagonal
  Resolution:           640 x 480
  Dot pitch:            .30mm(W) x .30mm(H)
  Aspect ratio:         1 : 1
  Contrast:             100 : 1 Max; 60:1 Min.
  Colors:               256 colors out of a palette of  262,144 in 640 x
480 mode
Simultaneous display to external monitor on video modes up to 640 x 480,
256 colors


2.5" 500MB Hard Disk Drive
  Toshiba HDD:          MK2428FC
  Interface:            IDE
  Average access time:  12ms
  Recording method:     RLL 1-7


Hardware Switches and Controls
1) Power on/off
   Located on left side of computer
2) Reset
   Located on left side 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           Power save mode
  Fn + F3           AutoResume Enable/Disable
  Fn + F4           Speaker volume adjustment - off, high,
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                         medium, low - press key repeatedly to set level
   Fn + F5              Internal/Simultaneous/External displays -
                         press key repeatedly to set choice
   Fn + F10             Toggles keypad overlay
   Fn + F11             Toggles num lock
   Fn + F12             Toggles 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
   PC-PA2014U    16MB 3.3V memory card (no longer manufactured)
   T24NW         Noteworthy(TM) PCMCIA Type II 2400/9600bps data/fax
modem (no longer manufactured)
   T144NWX       Noteworthy(TM) 14,400 bps data/fax modem, PCMCIA Type II
(no longer manufactured)
   PC-T144PF4    14mm 14,400 bps data/fax modem (dual RJ-11), PCMCIA
compliant
                 (no longer manufactured)
   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) 262MB hard disk drive PCMCIA Type III
   PA28064       Cryptcard PCMCIA Type II (DES)  data encryption card
   PA2429URA     Battery pack, NiMH (2600mAh)
   PC-PA2422U    Battery pack recharger with AC adapter
   PC-PA2478U    Universal AC adapter
   PC-PA801L     Statpower auto adapter (requires universal AC adapter)
   PC-PA2113     Toshiba 150 pin SCSI adapter (no longer manufactured)
   PC-PA3350L    Kensington(R) security cable lock
   PC-PA2701U    Deskstation IV
   PC-PA180B     PC pack carrying case (blue)
   NWCCDFB       Universal fabric carrying case
   NWCCAFB       Twin fabric carrying case
   NWCCALB       Twin Executive leather carrying case, black
   NWCCBLB       Leather expanded size carrying case
   PC-PA1050L    Leather attach, case
   PA2209US      External PS/2 keyboard
   PA2805U       BallPoint(R) mouse V2.0 with Quickport connection
   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
   NWMOTO        Cellular direct connect cable kit (Motorola)
   NWNOKI        Cellular direct connect cable kit (Nokia)
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