

T5100

General Information

Model number: T5100 40MB - PA8040U (FCC ID# CJ69XAE349)
T5100 100MB - PA8041U (FCC ID# CJ69XAE573)
Dimensions: 12.2" W x 14.2" D x 3.6"H
Weight: 14.6 lbs.
Voltage: 115VAC , 1.0A/220 - 240VAC, 0.7A auto sensing
Frequency: 50/60Hz auto sensing
CPU: 80386-16 (16/8MHz); 80387-16 coprocessor socket
RAM memory: 2MB standard (640K Conventional; 1.384MB LIM-EMS 3.2
or extended memory) Memory expandable to 4MB when optional 2MB memory
card added
Video RAM: 256KB
Number of keys: 82
Keyboard type: Selectable between 84 or 101-key keyboard compatible
Drives: One 1.44 MB 3.5" floppy disk drive
One 40 MB or one 100MB hard disk drive
Operating system included: Toshiba MS-DOS 3.30 or 4.01

Software Compatibility

Compatible with software written for the IBM PC/XT/AT using EGA, CGA,
or T3100/AT&T 6300 640 x 400 high resolution graphics mode

Interfaces

RGB Color Video port (EGA or CGA)
RS-232-C serial port
Parallel printer/external diskette or tape drive port
101-key enhanced keyboard port
Toshiba proprietary memory slot
Toshiba proprietary expansion slot - "A" form factor

Orange Gas Plasma Display

Display area: 7.5"W x 5.7"H; 9.5" diagonal
Resolution: 640 x 400
Gray scales: 4
Contrast: 10 : 1

3.5" 40MB Hard Disk Drive

Conner Peripherals HDD: CP-342
Interface: IDE
Average access time: 29 ms
Recording method: 2-7 RLL
TEST3 setup type: 6

or

Conner Peripherals HDD: CP-3044
Interface: IDE
Average access time: 25ms
Recording method: 2-7 RLL
TEST3 setup type: 7

3.5" 100MB Hard Disk Drive

Conner Peripherals HDD: CP-30104

Interface: IDE
 Average access time: 25ms
 Recording method: 2 - 7 RLL
 TEST3 setup type: 9

Soft Switches

- 1) Change CPU speed
 - Fn + PgUp 16MHz CPU speed
 - Fn + PgDn 8MHz CPU speed
- 2) Character font
 - Fn + Right arrow Toggles display font
- 3) Display select
 - Fn + End External display
 - Fn + Home Plasma display
- 4) Extending the display area
 - Fn + Down arrow Toggles between 350 and 400 rows in EGA mode
- 5) Keypad overlay
 - Fn + NumLock Toggles keyboard overlay
- 6) Fn key
 - Fn + F1 F11
 - Fn + F2 F12
 - Fn + Ctrl Simulate IBM enhanced keyboard Right Ctrl
 - Fn + Alt Simulate IBM enhanced keyboard Right Alt
 - Fn + Enter Simulate IBM enhanced keyboard numeric keypad
- Enter
 - Fn + power on Force T5100 to CMOS setup screen

Hardware Switches and Controls

- 1) Power on/off
 - Located on back of computer
- 2) A/B/PRT switch
 - Located on left side of computer
 - With switch set to "A", external FDD port is accessed as drive A; internal 3.5" FDD as drive B.
 - With switch set to "B", external FDD port is accessed as drive B; internal 3.5" FDD as drive A.
 - Switch is set to "PRT" for parallel printer output.
 - Computer must be re-booted for switch change to take effect.
- 3) Plasma display brightness and contrast dials
 - Located on front of display
- 4) 6 DIP switch bank
 - Located on back of computer
 - Factory default settings all off (off=down)

SW1	OFF	Expanded or Extended	ON	Expanded
Memory Only		Memory enabled		Disables
Extended Memory				
SW2	OFF	640K Base Memory	ON	512K Base
Memory				
SW3	OFF	Enable Internal video controller	ON	Disable
Internal video controller				
SW4	OFF	PRT Output Only	ON	PRT Bi-
directional				
SW5	OFF	Normally off	ON	For use
with ISC UNIX				
SW6	OFF	Serial Port COM 1	ON	Serial
Port COM 2				

Environmental Specifications

1) Operating condition

Ambient temperature: 41 to 95 degrees F. 5 to 35 degrees C.
Relative Humidity: 20% to 80% non-condensing

2) Non-Operating condition

Ambient temperature: -4 to 140 degrees F. -20 to 60 degrees C.
Relative Humidity: 5% to 90% non-condensing

Options and Extra Accessories

PC7-PA8301U 2MB memory card (no longer manufactured)
PC-PA7225U 5.25" 360KB external FDD with 18VDC adapter
PC-PA7310U Expansion chassis & cable (requires expansion interface card) (no longer manufactured)
PC-PA7313E Expansion interface card (Toshiba expansion slot) (no longer manufactured)
PC-PA7367E Floppy Link to 5.25" desktop diskette drive (no longer manufactured)
PC-PA7438EB 300/1200 bps Hayes compatible modem (no longer manufactured)
PC-T24A 2400 bps Hayes compatible Toshiba expansion slot modem w/serial port
(no longer manufactured)
PC-PA722L TD80 external tape drive (no longer manufactured)
PC-PA801L Statpower Prowatt 125 auto adapter
PC-PA5462U Toshiba LAN 8/16 bit Ethernet card & AC power adapter (no longer manufactured)
Contact ASP 100MB hard drive upgrade (Installed by Toshiba Authorized Service Providers)
PC-PA8722E Leather carrying case (no longer manufactured)
PC-PA8721E Fabric carrying case (no longer manufactured)
PC-PA8020U Fabric carrying case (no longer manufactured)
PR-PA2750U ExpressWriter 201 portable printer (no longer manufactured)
PC-SW008 Toshiba MS-DOS 3.30 (includes diskettes and manual) (no longer manufactured)
PC-SW007 Toshiba MS-DOS 4.01 (includes diskettes and manuals) (no longer manufactured)
PC-SW013 Toshiba MS-DOS 5.0 (no longer manufactured)
PC-SW015 Toshiba MS-DOS 5.0 (no longer manufactured)
PC-SW004 Toshiba BASIC 3.30 (no longer manufactured)
PC-SW012 Toshiba MS OS/2 operating system 1.21 (no longer manufactured)