
Training Information

The T3300SL contains the following major differences to the T2200SX:

- 80C386SL Processor
- Memory
- Display
- Setup Screen
- HDD
- Modem Expansion Slot
- Certain Disassembly Procedures
- Certain Reassembly Procedures

These differences are detailed below.

80C386SL PROCESSOR

The T3300SL CPU is an 80C386SL-25 32-bit microprocessor with operating speeds of 25MHz, 12.5MHz, and 6.25MHz. The features built into the Intel386™ SL microprocessor achieve power optimization resulting in the maximum possible battery life without compromising system size or performance.

MEMORY

The T3300SL will support a 2, 4, 6, or 16MB expansion memory card. Maximum memory is 18MB.

DISPLAY

The FL Inverter for the T3300SL has been redesigned. Table 1-4 in the T3300SL Maintenance Manual lists the FL Inverter specifications.

SETUP SCREEN

The T3300SL SETUP screen differs as follows:

- Shadow BIOS*
This cannot be disabled.
- LCD Gray Scale Level*
You have the option of setting the LCD to 16 or 32 levels of gray. Keep in mind that VCHAD will only work with 16 levels of gray.
- Power on Password*
This option allows you to set or reset the power on password. The T3300SL also gives you the feature of a password service disk which unlocks the password.
- Battery Save Mode*
This option allows you to set the appropriate battery saving parameters such as long life, normal life, or user setting. You can also set this option using the Pop-up Window.
- Cache*
This option will enable and disable the CPU cache memory.
- Panel power on/off*
This option will enable or disable the automatic system power on/off function. This function automatically turns off the computer when the display panel is closed and turns on the computer when the display panel is opened. This option also appears in the Pop-up Window.
- Alarm Power on*
This option allows you to start the T3300SL automatically at a predetermined time. This option also appears in the Pop-up Window.

To find out more about the SETUP screen options, see the SETUP section in Chapter 3 of the Maintenance Manual.

HDD

An 80MB or 120MB HDD is available with this product.

MODEM EXPANSION SLOT

A built-in PCMCIA (Personal Computer Memory Card International Association) slot allows you to install a Toshiba card modem or an industry standard modem card.

MAJOR DISASSEMBLY DIFFERENCES

- The 150-pin expansion port will lift away from the middle base assembly (battery pack case) to allow easy removal of the HDD and middle base assembly. See Chapter 4 of the Maintenance Manual.
- New procedures are required for the proper removal of the communication ports bracket (I/O connector panel). See Chapter 4 of the Maintenance Manual.

MAJOR REASSEMBLY DIFFERENCES

- New procedures are required for the proper replacement of the communication ports bracket. See Chapter 4 of the Maintenance Manual.
- Installation of the HDD requires a new set of procedures. See Chapter 4 of the Maintenance Manual.

Specifications

PROCESSOR

- 80386SL, running at 25MHz
- 64KB cache memory
- Real Time Clock/Calendar
- Built-in socket for an 80386SX-25 NDP

MEMORY

- 2MB RAM, which includes 640KB conventional memory plus 1280KB that can be configured as expanded (LIM/EMS 4.0) and/or extended memory plus 128KB shadow BIOS ROM
- Expandable to 18MB RAM using installable credit card style memory cards

DISK DRIVES

- 80MB or 120MB 2.5" IDE HDD with average access time of 19ms or 17ms respectively
- 1.44MB 3.5" FDD with average access time of 94ms

DISPLAY

- Sidelit black and white Liquid Crystal Display (LCD) with 16/32 gray scales and adjustable brightness and contrast
- IBM Video Graphics Array (VGA) compatible display system
- 640 x 480 pixel graphic display
- Port for external VGA monitor or other display device
- Display dimensions:
7.56"W x 5.67"H (9.5" diagonal)
- PVGA1F Video Controller
- FL Inverter (11 to 26VDC input, 1100VAC output)

POWER

- Universal auto sensing AC Adapter (100-240VAC 50/60Hz input, 18VDC 1.1A output)
- Nickel Metal Hydride removeable, rechargeable main battery pack

- 3.5 to 4 hours average battery life, recharges in 2.5 hours
 - Automatic display and hard drive shut down after user specified time of keyboard inactivity
 - Automatic CPU "super sleep" mode to enhance battery life
 - AutoResume
 - Intelligent Power Supply with one microprocessor
 - Power supply board supplies five DC voltages: +5 (VCC), +5 (RAMV), +12, -9, DSPV
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KEYBOARD

- Full-function, standard key-spaced, 82-key sculptured keyboard (101-key keyboard compatible)
 - Supports optional external 17-key numeric keypad or 101-key enhanced keyboard adapter
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STANDARD INTERFACES

- Selectable 25-pin parallel printer or external 5¼" diskette drive port
 - 9-pin RS-232-C serial port
 - VGA monitor port
 - Port for optional external 17-key numeric keypad (or 101-key enhanced keyboard adapter)
 - PS/2* mouse port
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EXPANSION SLOTS

- 150-pin expansion bus connector for the Desk Station IV docking station
 - Built-in PCMCIA slot allows you to install a Toshiba card modem or an industry standard modem card
 - Built-in card slot for a credit card style memory card
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SOFTWARE

- Toshiba MS-DOS* 5.0 operation system, downward compatible