TOSHIBA

T3100SX

Battery-Operated

Portable Personal
Computer

Toshiba T3100SX.

Expand your horizons with Toshiba's high performance, 386SX battery-operated PC. Packed with state-of-the-art features, the T3100SX carries out virtually any assignment, anywhere you choose to work.

A major strength is its powerful Intel® 80386SX® processor. This 16MHz 32-bit microprocessor lets you use all of today's software, with the added advantage of running tomorrow's more powerful 386-based applications. You can effectively utilize MS-DOS®, Microsoft® Windows/386®, and MS OS/2 operating environments. There isn't a better way to assure greater productivity and protect your computer investment.
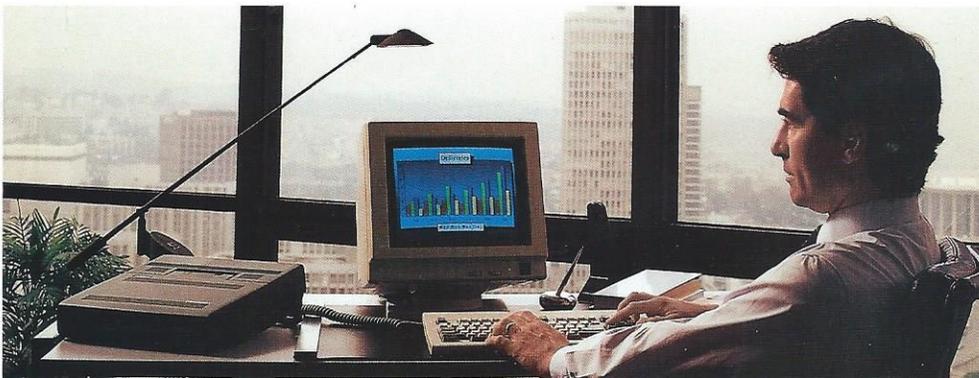
Additional highlights of this trim 14.9 pound package include a high performance 40MB hard disk with 25 msec. average access, 1MB RAM expandable to 13MB, PS/2® compatible 1.44MB 3.5" floppy disk drive, and Toshiba's revolutionary gas plasma display with full VGA capabilities.

The T3100SX's display sets a new standard for battery-operated portable computers taking full advantage of both VGA and gas plasma technologies. The result is an impressive low-power consumption VGA display with a 100:1 contrast ratio. Additionally, the T3100SX supports the internal display and an external monitor simultaneously. The gas plasma display can even be detached when using an external monitor.

Simultaneous Display. Picture the presentation possibilities with exciting VGA graphics on two screens at once. You can team your T3100SX with a color monitor or a projection unit and still see everything up close on its built-in gas plasma display. The T3100SX's VGA system provides 640 x 480 resolution with 16 gray scales.

Application Flexibility. The T3100SX can be attached to a VGA monitor, a 101-key keyboard (Available First Quarter 1990) or a numeric keypad, parallel printer or external diskette drive and still has a serial port open.

386SX power, anywhere.

And better yet, Toshiba's new display offers these eye pleasing and convenient features while its advanced technology maximizes battery life up to three hours or more. In fact, the T3100SX employs a full array of battery-saving features including a CPU sleep mode and automatic shutdown of display and hard disk when not in use. AutoResume, another battery-saving and productivity enhancing feature, brings you back to where you stopped working when you turned the power off, eliminating the need to reboot. An intelligent power supply with "gas gauge" continuously monitors battery life so that you know when it's time to recharge. And, with Toshiba's new quick-charge system, your batteries will be fully charged within three hours.

For added value, the richly featured T3100SX comes bundled with four essential software tools to increase your productivity. Equally important, this innovative PC is built and backed by Toshiba, the technology leader in laptops. Discover Toshiba's unsurpassed advantages in a hands-on demonstration today. For the name of your nearest dealer, call toll-free to 1-800-457-7777.

Exceptional Expandability.
The T3100SX has five Toshiba internal slots – three for memory modules, one for a modem, plus another for general purpose options. Among these options, your choices include a ToshibaLAN Ethernet card, an interface card for connection to *external expansion or third-party products.*

Additional expansion opportunities come from a built-in 80387SX-16 coprocessor socket, as well as a full complement of interface ports for ready connection to a broad selection of peripheral devices.

T3100SX

Expansion is easy with five built-in interface ports, a coprocessor socket, plus five internal Toshiba slots for a modem, memory and more.

PROCESSOR
- 80386SX, running at 16MHz
- Coprocessor socket for 80387SX-16
- Real time clock/calendar

EXPANSION SLOTS
- One dedicated Toshiba modem slot
- Three Toshiba memory expansion slots
- One Toshiba 16-bit expansion slot for general purpose options

MEMORY
- 1MB RAM, which includes 640KB user memory plus 384KB LIM/EMS 4.0 or extended memory
- Expandable to 7MB in 2MB increments, using dedicated memory expansion slots
- Expandable to 13MB in 4MB increments using dedicated memory expansion slots

DISK DRIVES
- 40MB hard disk drive with 25 msec. average access time
- 1.44MB 3½" diskette drive – PS/2® compatible

DISPLAY
- IBM Video Graphics Array (VGA) compatible display system
- High resolution gas plasma display (Detachable)
- 16 gray scales
- 100:1 contrast ratio
- 640 x 480 pixel graphics display
- Simultaneous viewing of plasma screen and external display
- Display dimensions: 8" W x 6" H; 10" diagonal

KEYBOARD
- Full-function, standard key-spaced, 86-key sculptured keyboard (101-key keyboard compatible)
- Twelve function keys
- Eight dedicated cursor control keys
- Integrated numeric keypad
- Special Fn key for extended functions

STANDARD INTERFACES
- VGA monitor port
- Port for numeric keypad or 101-key enhanced keyboard adapter (Keyboard adapter available First Quarter 1990)
- Selectable 25-pin parallel printer or external 5¼" diskette drive port
- Two 9-pin RS-232-C serial ports

SOFTWARE
- MS-DOS® 4.01 operating system (OS/2® optional)
- PC-Kwik® Power Pak (includes disk cache, print spooler, RAM disk, screen and keyboard accelerators)
- Quarterdeck® Expanded Memory Manager 386 (QEMM-386)

DOCUMENTATION
- T3100SX Reference, MS-DOS 4.01, Portable Companion, Power Pak, and QEMM-386 manuals
- Hypertext (on-line, disk-resident) documentation includes T3100SX Reference and MS-DOS 4.01 manuals

DIMENSIONS
- 12.2" W x 14.2" D x 3.15" H
- Weight – 14.9 lbs. with two battery packs

POWER
- Internal removable, rechargeable batteries; includes two battery packs standard
- Up to three hours battery life or more; three hour recharge with machine off
- Includes universal AC adapter (100-240 VAC 50-60Hz input; 15 VDC output)
- Low battery warning light and audible alarm

OPTIONS
- 2400/1200/300bps Hayes®-compatible modem; CCITT and Bell compatible
- Additional battery pack(s)
- External recharger for up to three battery packs; includes universal AC adapter
- Additional universal AC adapter
- Internal 2MB memory modules (LIM/EMS and/or extended memory); user-installable
- Internal 4MB memory modules; user-installable
- 17-key numeric keypad
- 101-key keyboard adapter with external power supply (Available First Quarter 1990)
- Fabric carrying case with shoulder strap
- Expansion chassis with five IBM PC-compatible slots
- Expansion chassis interface card
- External 5¼" 360KB diskette drive
- ToshibaLAN Ethernet® card
- MS OS/2 operating system (Available First Quarter 1990)

LIMITED WARRANTY
- One year parts and labor with no-cost Exceptional Care enrollment during this period

In Touch with Tomorrow
TOSHIBA

Toshiba America Information Systems, Inc.
Computer Systems Division
9740 Irvine Boulevard
Irvine, California 92718
For the name of your nearest dealer, call 1-800-457-7777.