

# T1600



**TOSHIBA**

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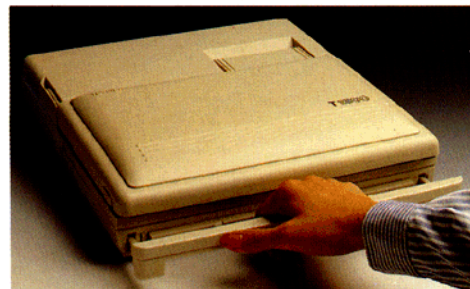
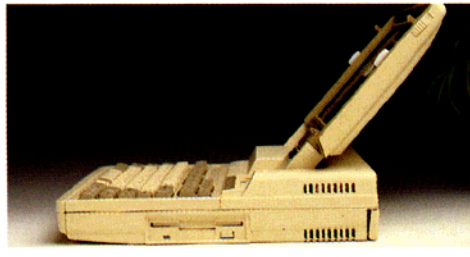
They said it couldn't be done. But we did it. We squeezed desktop power into a battery portable. To give you one lightweight computer. For in the office and out. The Toshiba T1600.

**POWER FEATURES.** The Toshiba T1600 is based on the 80C286™ processor running at 12 MHz. EGA graphics, a fast hard disk, and an instant on mode leave the competition in the dust. And when it comes to effectiveness, the T1600 can have up to 5 MB RAM to give maximum versatility. You can take a whole library of programs and files with you on the fast 20 MB or 40 MB hard disk. A 1.44 MB/720 KB 3.5" diskette drive comes standard. EGA graphics tops off the list of power features. All giving full desktop performance in a battery portable.

**PORTABILITY FEATURES.** Toshiba knows how to make PCs easy to carry while maintaining full user comfort. Weighing less than 5.2 kg (11.4 lb) with one battery, and with dimensions of 315 x 325 x 83 mm (12" x 12.8" x 2.8"), the T1600 is a truly portable machine. And since some competitors like to give weights without the battery, how's 4.7 kg (10.3 lb) for comparison? The new high-energy flatpack batteries disappear into the front of the machine below the keyboard without adding bulk, but with added power. With 2 batteries installed, up to 4 hours of operating is possible without changing batteries. MaxTime™ Power Management, a new Toshiba feature, maximizes operating time by independently putting hard disk, display, and the CPU to sleep when not needed. The 88-key keyboard with integrated keypad provides full 102-key functionality. And the enlarged backlit Supertwist EGA display is a marvel of readability.

**LITTLE THINGS MAKE A DIFFERENCE.** Toshiba, drawing on its extensive laptop experience, added a number of features to make computing with the T1600 even more effective. Two serial ports. A lightning-fast RAM disk drive that doesn't disappear when you turn off the power. A detachable screen that lets you use a high-resolution EGA colour monitor in the office. And instant on Resume Mode which helps to snatch time – without having to reboot. And, of course, you get Toshiba service. Quick. Professional. Worldwide.

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## Specifications

### Processor

Intel 80C286™ CPU  
12 or 16 MHz clock speed switchable  
Slot for 80C827™ maths coprocessor  
MaxTime™ Sleep Mode

### Memory

Standard 1 MB (1024 KB) RAM  
384 KB may be used as a fast, battery-backed RAM disk drive (hard RAM)  
Maximum 5 MB on the motherboard  
LIM EMS

### Hard Disk

T1600 20 MB (27 msec avg. access time)  
T1600/40: 40 MB (29 msec avg. access time)  
MaxTime™ Power Off

### Diskette Drive

Built-in 3.5" 1.44 MB/720 KB diskette drive

### Display

EGA backlit Supertwist display  
Contrast and brightness control  
Up to 640 x 400 dot resolution  
Up to 16 grey scales  
MaxTime™ Power Off  
Detachable

### Graphics Adapter

EGA compatible

### Interfaces

Centronics parallel port  
Two RS-232C serial ports  
RGB colour monitor port  
External diskette drive  
Expansion box slot  
Numeric keypad port

### Keyboard

Sculptured full-size 88 key keyboard  
Integrated numeric keypad  
Numeric keyboard overlay with LED

### Operating System

MS-DOS™ 4.01  
MS-DOS™ 3.3 (option)  
OS/2™ 1.1 (option)

### Clock/Calendar

Backed-up by lithium battery

### Size

315 x 325 x 83 mm (W x D x H)  
12" x 12.8" x 2.8"

### Weight

Less than 5.2 kg (11.4 lb) with one battery  
Less than 5.7 kg (12.5 lb) with two batteries  
Less than 4.7 kg (10.3 lb) without batteries

### Power Supply

Resume Mode  
MaxTime™ Power Management  
Runs up to 4 hours on two internal rechargeable batteries  
Low battery warning light  
Autosensing 100-240 VAC for worldwide usage

## Options

### Memory Expansion

2 MB expansion memory cards are available. Up to two can be installed on the motherboard of the T1600 to expand memory to a maximum 5 MB without using the expansion slots.

### External 5.25" 360 KB diskette drive

An external 5.25" diskette drive with a capacity of 360 KB is available to allow data exchange with personal computers not yet supporting 3.5" media.

### Quick Multi-Battery Recharger

A battery charger is available to charge up to 3 additional battery packs. One battery can be recharged in only two hours.

### External Expansion Units

External expansion units are available with slots for up to five IBM-compatible option cards. These include, for instance, network adapters, host communication, modems, additional hard disk drives, memory expansion, and graphics adapters. This multitude of expansion possibilities makes the T1600 a secure investment for future developments.

### Internal Hayes-Compatible Modem

Internal modems are available where approved.

### Toshiba Network Cards

SysLink E (Ethernet)

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Dealer Stamp