

Tandy® Computers: the broadest line of PCs in America.

The Tandy® 1000 TL

Get 286 power
with MS-DOS®
and DeskMate®
built in.

The Tandy 1000 TL is a powerful new computer for personal and business use. Its 80286 microprocessor gives you extraordinary speed and processing power. And unlike other PCs, the 1000 TL comes with MS-DOS and DeskMate built into ROM. DeskMate features ten applications that let you get to work immediately on such tasks as budgeting, word processing, filing and more. Just load your program disk and go!

With 640K RAM and a 3 1/2" disk drive, the Tandy 1000 TL lets you run the most sophisticated programs available. The graphics capabilities are superb, expansion is easy, and the speech and music capabilities will generate new life into programs. You also get a parallel printer adapter, RS-232 serial port, a real time clock with battery backup and two joystick ports at no extra charge. The Tandy 1000 TL establishes a new standard in personal computers with the ultimate combination of power, ease of use and affordability.

The new generation Tandy 1000 TL. From the best-selling family of PC Compatibles made in America.

Tandy® Computers: Because there is no better value.™

Tandy 1000 TL Features:

80286 Microprocessor

The Tandy 1000 TL (25-1601) features an 8/4 MHz 80286 microprocessor for far greater performance than other PCs. This brings 80286 technology, previously found only in AT® class machines, to an affordable PC. The 1000 TL boasts over six times faster throughput than a standard PC XT™—you'll fly through your applications.

Built-In MS-DOS

The Tandy 1000 TL includes Microsoft's MS-DOS 3.3 software built into ROM that loads automatically in just seconds—just switch it on, insert your program diskette and go! It's the ultimate in ease of use for first time users, the ultimate in time-saving convenience for experienced users. And it's ideal for use in classroom situations. MS-DOS 3.3 gives you access to the most powerful and proven software packages on the market today. Choose from the best names in business, entertainment and educational programs.

Built-In DeskMate Graphical User Interface

When you turn on your Tandy 1000 TL, you'll be greeted by the DeskMate Desktop that displays a calendar, appointment schedule or whatever application that you want to include on the Desktop. DeskMate software gives you ten applications in one program. And with the special task-switching feature, you can exit DeskMate, enter another applications program, then return to DeskMate—all with just a few keystrokes. Begin computing right away with Text Processing, Worksheet, Electronic Filing, Draw, Address Book, Spell Checker, Hangman, PC-Link™, Calendar/Alarm and more. As a bonus, with the Tandy 1000 TL there's a new music program and sound editor program for added enjoyment.

Sound and Speech Capabilities

The Tandy 1000 TL with its sophisticated sound reproduction system will generate new life into programs. An 8-bit DMA driven, analog-to-digital convertor (ADC) and an 8-bit DMA driven, digital-to-analog convertor (DAC) gives the Tandy 1000 TL amazing speech and music capability. When used with DeskMate's sound editor and an optional microphone, you will be able to record, edit and play back sound effects from a variety of sources—a TV, a stereo, your voice—then save them onto your personal diskettes for playback at a later time. There's also a built-in headphone jack with volume control for uninterrupted enjoyment.

Easily Expandable

The Tandy 1000 TL comes with 640K RAM, expandable to 768K on the main board. The TL comes with one built-in 3 1/2" disk drive, and you can add two additional internal disk drives (1-3 1/2" and 1-5 1/4") for complete flexibility. And with five PC-compatible card slots, it's easy to expand the system to

fit your needs. Expansion boards are user installable, and you can choose from internal modems, 20- or 40-megabyte hard disk cards, or add an additional card for connecting the 1000 TL to a 3Com® or TandyLink™ Workgroup.

Comes With the "Extras"

With the Tandy 1000 TL, all the "options" you're accustomed to are also included. An adapter is built-in for easy hookup to a monochrome or color monitor. The built-in video support includes monochrome text, Hercules™ monochrome graphics, and CGA color graphics with enhancements. Adapters for connecting a printer, adding two joysticks—even a built in RS-232 serial port, perfect for adding a mouse—are all standard. There's even a built-in clock/calendar with a battery backup that keeps track of the date and time even when the Tandy 1000 TL is turned off.

Tandy 1000 TL Specifications

Microprocessor:	80286. Optional 80287 Math Coprocessor.
Clock Speed:	8/4 MHz, software selectable.
Operating System:	Includes Microsoft MS-DOS 3.3 (in ROM) and GW-BASIC software.
Memory:	640K RAM, expandable to 768K (640K for MS-DOS, 128K for video memory). EMS memory available through optional expansion boards. Includes 512K ROM and 1024 bits EEPROM for system configuration.
Keyboard:	101-key Enhanced keyboard with tactile feedback. Twelve programmable Function keys. Retractable legs. Four-foot coiled cable.
On-Board Video Support:	Text: MDA or CGA compatible, 80 or 40 characters per line by 25 lines. Graphics: Hercules monochrome (720 x 348 pixels). CGA compatible with enhancements, (640 x 200 pixels, 16-color and 4-color, 320 x 200, 16 color).
Included Software:	DeskMate Ver. 03.00.00 which includes the following applications: Text, Calendar, Address Book, Draw, Worksheet, PC-Link™, Hangman, Telecom, Filer, Form Setup and three Help tutorials. Plus as an added bonus: Music and Sound Editor.
Display Options:	Monochrome: High-resolution monitor (VM-5, green). Color: 13" RGB Color Monitor (CM-5 or CM-11).
Sound:	Built-in, 8-bit, DMA-driven ADC/DAC for speech and music generation, including internal speaker, 1/8" external stereo headphone jack with volume control and 1/8" microphone/audio input jack.
Disk Drives:	One double-sided, double-density 3 1/2" 720K formatted floppy disk drive. Expandable to support 3 internal floppy drives (2-3 1/2" and 1-5 1/4") and one hard disk card.
Internal Expansion:	Five 10" IBM® PC Bus-compatible (8-bit) card slots. User accessible.
External Connections:	Parallel printer port, RS-232 serial port (9-pin male), two joystick ports, 1/8" Mic in/audio in and 1/8" stereo headphone out.
Internal Clock:	Real time clock/calendar with battery backup
Dimensions (H x W x D):	5 1/10 x 15 1/2 x 13 1/10"
Shipping Weight:	33 lbs.
Power Supply:	Input: 120 VAC, 50/60 Hz. Output: 67 Watts. UL listed.
Authorization:	FCC Class B certified.

Tandy® Computers:
Because there is no better value.™

DeskMate/Reg. TM and TandyLink/TM Tandy Corp. MS-DOS/Reg. TM Microsoft Corp. PC-Link/SM Quantum Computer Services. 3Com/Reg. TM 3Com Corp. Hercules/TM Hercules Computer Technology, Inc. IBM/Reg. TM IBM Corp.

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