The Tandy® 5000 MC* Professional System

Our most powerful 386-based *Micro Computer system ever . . . and it's made in America.

The new alternative in personal computing...

Tandy 5000 MC: our most powerful Micro Computer ever

The new Tandy 5000 MC professional system is strictly business, from the look of its 256,000-color VGA graphics to the tactile feel of its newly designed keyboard.

Inside is pure performance, from the Intel® 80386 processor operating at 20 MHz to the fast memory with cache that provides RAM-fast access to your data.

There's nothing else like it. Compare the Tandy 5000 MC to any other 386-based system. The 5000 MC's technology, performance and price all add up to an unsurpassed value.

In fact, the 5000 MC starts at only $4999, including VGA graphics, serial/parallel ports and mouse adapter. With a high-performance 84MB hard drive, it's only $6999.

The bottom line? You now have the high-performance platform needed to take full advantage of industry-standard MS-DOS applications, powerful new MS OS/2 programs or multiuser XENIX software.

High speed for complex applications

The 5000 MC boasts the powerful 80386 microprocessor. Operating at 20 MHz, the 5000 MC cuts through the big jobs like database management, large spreadsheets and sophisticated graphics. And you can add a 20 MHz Intel 80387 math co-processor for even faster calculations.

To provide the fastest possible memory access, the 5000 MC includes the Intel 82385 Memory Cache Controller. This controller retrieves up to 32K of data from storage devices and retains this data in cache memory. The result? Virtually instantaneous retrieval, without subsequent—and time consuming—disk access.

The system architecture also provides a radical increase in data-transfer rates when the Tandy 5000 MC is configured within a workgroup or multiuser environment.

Built-in VGA capabilities

The Tandy 5000 MC comes equipped with the latest high-resolution video graphics array (VGA) for extraordinary graphics and crystal-clear text. Ideal for CAD applications and desktop publishing, VGA lets you display up to 256 colors from a palette of over 256,000. Using a monochrome monitor, 64 shades of gray are available for remarkable contrast. VGA also supports CGA, EGA and MCGA graphics and text. In addition, one of the expansion slots may be used for future IBM® Micro Channel™ video expansion support.

IBM Micro Channel Architecture for optimum throughput

The Tandy 5000 MC features IBM Micro Channel compatible architecture. At the heart of this architecture is a new bus design that expands the data path to a full 32 bits. This design also allows multiple microprocessors to use the same bus. Intelligent peripherals will be able to operate without burdening the CPU. The effect is to optimize throughput between I/O devices and the CPU for unprecedented performance.

Power to share

Because of its remarkable performance and storage capabilities, the 5000 MC is a natural as the hub of a multiuser system, or as the file server in a 3Com® office workgroup.
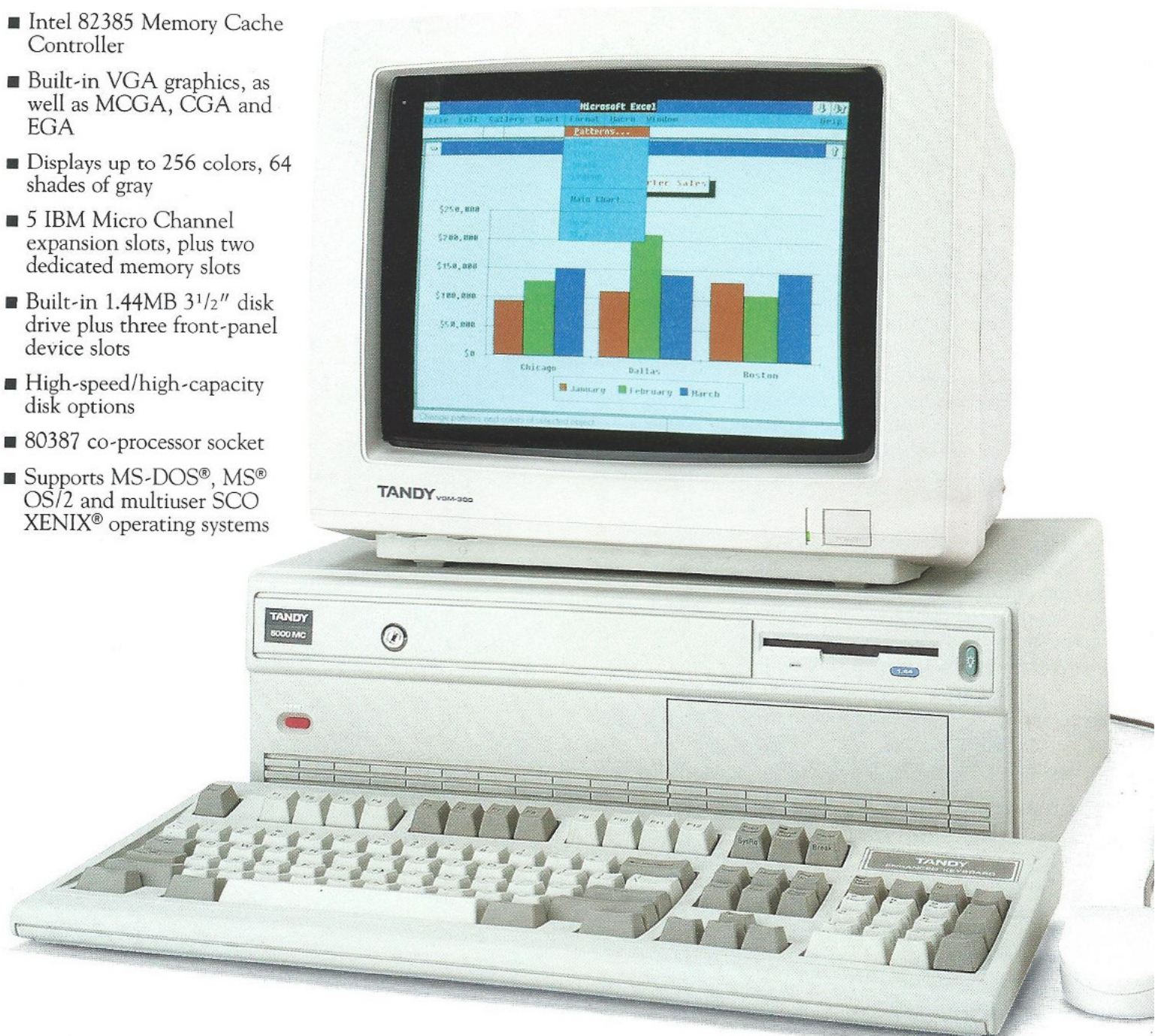
Using SCO® XENIX 386, the 5000 MC will support up to 33 data terminals. This configuration lets your entire office share the 5000 MC's power in a truly cost-efficient environment.

And in a 3Com workgroup environment, office users with other PCs can access the 5000 MC's enormous database capabilities with unprecedented speed.

The Tandy 5000 MC: the new alternative in personal computing

- 20 MHz Intel 80386 microprocessor

- 2MB RAM, expandable to 16MB

- Intel 82385 Memory Cache Controller

- Built-in VGA graphics, as well as MCGA, CGA and EGA

- Displays up to 256 colors, 64 shades of gray

- 5 IBM Micro Channel expansion slots, plus two dedicated memory slots

- Built-in 1.44MB 3½" disk drive plus three front-panel device slots

- High-speed/high-capacity disk options

- 80387 co-processor socket

- Supports MS-DOS®, MS® OS/2 and multiuser SCO XENIX® operating systems

Tandy 5000 MC Professional System

Designed for optimum growth

The Tandy 5000 MC comes equipped with a built-in 1.44MB 3½" disk drive. There's room inside for a second 3½" drive (or hard drive) and two 5¼" floppy, hard or tape drives. Extremely flexible, the 5000 MC lets you choose from ST-506 or ESDI technology—and ultra-high performance SCSI support is coming.

The 5000 MC comes with 2 megabytes of RAM. And with two dedicated memory slots, you can expand all the way up to 16MB of memory. These slots allow higher-speed memory transfers than the IBM Model 80's matched memory cycle.

There are also five IBM Micro Channel-style card slots available (two 32-bit and three 16-bit). These support IBM Micro Channel compatible adapters for modems, network, multiuser and other communications cards, and more.

We offer three 14" analog monitors: two color and one monochrome. Each of these monitors support the built-in high-resolution VGA graphics, as well as standard MCGA, CGA and EGA modes.

Superior design

One of the most welcome characteristics of the 5000 MC is its small footprint. This neat, ergonomical design fits easily on a desktop (an optional floorstand is available). The enhanced 101-key keyboard features tactile feedback, ensuring typing accuracy.

A serial/parallel interface comes standard, as well as a mouse port. A keylock is also included for case-lock security. There's even a convenient front-accessible reset button.

Total support

You can rest assured that the 5000 MC is backed with the kind of total support your business can depend on. We offer commercial leasing, system installation and training, on-site and carry-in service—support that is unmatched in the industry.

Innovative technology built on 67 years of experience. Quality engineering. Competitive pricing. We answered the challenge with the ultra-high performance Tandy 5000 MC.

Tandy 5000 MC Specifications

Microprocessor	Intel 80386.
Clock Speed	20 Mhz.
Math Co-Processor	Optional Intel 80387. 20MHz clock speed.
Memory Cache	Intel 82385 Memory Cache Controller with 32K static RAM. Maximizes memory processing (95% of processor requests at 0 wait states).
System Memory	2MB standard, expandable to 16MB via two dedicated, high-speed 32-bit memory slots.
Video Support	VGA graphics built in. VGA graphics provide up to 256 colors from a palette of over 256,000 and 64 shades of gray (monochrome). 320 × 200 pixels × 256 colors—all points addressable. 640 × 480 pixels × 16 colors—all points addressable. 9 × 16 character box—16 colors (text). Also includes support for MCGA, EGA and CGA modes.
Display Options	14" VGM-100 Monochrome Analog Monitor. 14" VGM-200 RGB Analog Color Monitor with .42 mm dot pitch. 14" VGM-300 RGB Analog Color Monitor with .31 mm dot pitch.
Mass Storage Devices	Built-in 1.44 MB 3½" floppy disk drive. A second internal 3½" floppy may be added. Two additional 5¼" device slots allow installation of an internal 5¼" floppy disk drive (1.2MB or 360K), a tape drive, or hard disk drive options.
Hard Disk Controllers	ST-506 MFM Controller provides 460KB per second total thoughput. Supports two 3½" hard disk drives: 84MB, 15ms average access; 40MB, 19ms. ESDI Controller (for future configurations). Provides data transfer of 1MB per second total throughput. Supports two hard disk drives. SCSI Adapter (for future configurations). Will support multiple SCSI devices (tape, hard drives, etc.).
Keyboard	Ergonomic, 101-key enhanced keyboard with tactile feedback. 12 function keys, separate numeric keypad, LED indicators for Num Lock, Caps Lock and Scroll Lock.
Expansion Slots	Five standard IBM Micro Channel card slots (two 32-bit, three 16-bit), plus two 32-bit dedicated memory slots.
Standard Interfaces	Mouse port, asynchronous communications port (RS-232 serial), parallel printer port.
Real-Time Clock	Built-in real-time clock with battery backup.
Operating Systems	Optional MS-DOS 3.3, MS OS/2 and SCO XENIX 386.
Power Supply	192 watts (exceeds power requirements of system, even when fully configured). U.L. listed.
Dimensions (H × W × D)	6⅛ × 17 × 15½"

Tandy Computers:
Because there is no better value™.

Radio Shack®
COMPUTER CENTERS
A DIVISION OF TANDY CORPORATION