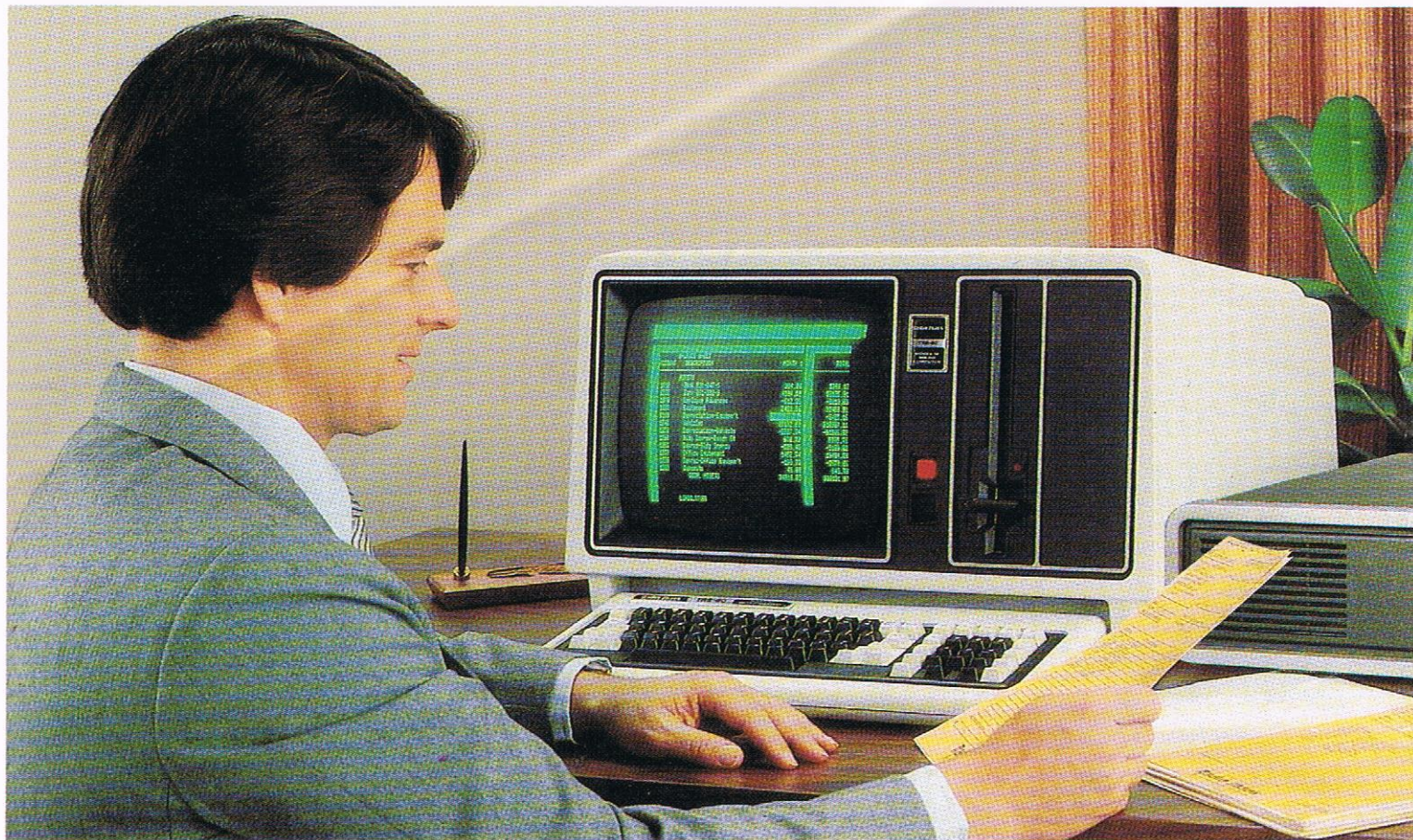


# Presenting the Tandy TRS-80® Model 12

The New Standard in  
Small Business Computers







# Enjoy Unmatched Performance Flexibility at an Affordable

With 1  
Disk Drive

**5499<sup>00</sup>**

Cat. No. 26-4004

With 2  
Disk Drive

**6999<sup>00</sup>**

Cat. No. 26-4005

The all-new Tandy TRS-80 Model 12 opens an exciting world of applications for the microcomputer user. It offers a unique combination of power, versatility and easy expandability—ideal for a variety of professional tasks. Best of all, with our well-documented, user-oriented software, Model 12 is easy to use without formal operator training. It's a truly remarkable system, especially when you consider Model 12's affordable price. That makes it right for your business . . . today and tomorrow.

## A Multi-Purpose Computer

Tandy's new TRS-80 Model 12 is truly a versatile stand-alone multipurpose workstation. It gives you power, easy expansion, communications and multi-language programming capabilities. That means a Model 12 can be used for a variety of tasks in business and industry.

## Business Applications

The TRS-80 Model 12 can streamline your firm's accounting requirements for increased speed and accuracy. In addition, Model 12 can help with departmental functions, such as financial planning and forecasting, word processing, electronic filing, statistical and sales analysis. Best of all, our ready-to-run, user-friendly software makes these applications easy to implement.

## Program Development

Tandy offers you a choice of several sophisticated disk-based Model 12 programming languages to meet your specific requirements. In addition to Interpretive BASIC (included), we have COBOL, FORTRAN, Compiler BASIC and Assembler.

## Communications

The Model 12 is ideal for use in data processing departments because it offers the versatility a mere terminal lacks. With our bi-synchronous communications options, Model 12 provides low-cost access to mainframe computers. Yet since it's a complete stand-alone computer, not a terminal, Model 12 can do departmental jobs too small for cost-effective handling by your company's mainframe — jobs like budgeting or billing.





# Value and Price!

## Professional Features You Demand

The TRS-80 Model 12 includes an 80K memory, monitor and one or two built-in thin-line 1.25-megabyte disk drives. Its new white case complements any office environment.

## Green Video Display

Model 12's high-resolution 30.5cm green phosphor video screen improves readability and displays 24 lines of 80 characters.

## Detachable Keyboard

A detachable low-profile keyboard with numeric datapad lets you position it for optimum comfort and efficiency. Eight special-function keys provide quick access to program-designated functions.

## Advanced Operating System

Model 12's new TRSDOS 4.2 disk operating system supports double-density, single or double-sided diskettes, and is a powerful enhanced version of our popular TRSDOS 2.0.

## Software Compatible with Our TRS-80 Model II

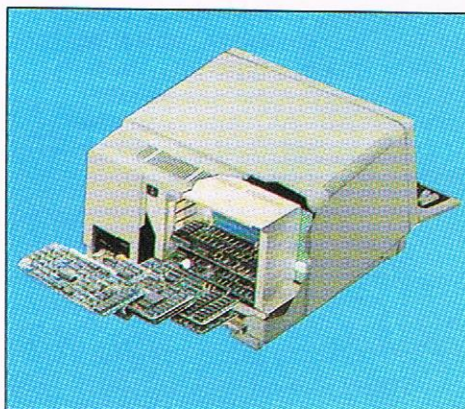
The new TRS-80 Model 12 is compatible with our popular Model II software. That means you can choose from any of our existing ready-to-run Model II business programs.

## Easy User Expansion

One of the most exciting features of Model 12 is its tremendous expansion flexibility. Installation of the Model 12 Card Cage gives you six plug-in slots that accept our optional boards.

## Adding Expansion Boards Is Easy

The TRS-80 Model 12 can expand to the power and capability you need at anytime. The access door on the back makes adding boards quick and simple.



## TRS-80 Model 12 Specifications

**Microprocessor:** Z-80A 8-bit processor. Clock speed, 4 MHz. Separate keyboard and video processors. Direct memory access and vectored interrupts for faster throughput.

**Memory:** 80K RAM. "Bootstrap" ROM is bank-switched out after "boot" startup. Includes power-up diagnostics.

**Keyboard:** 82-key professional-type, including numeric entry keypad. Eight Special-Function keys (F1 through F8). Other keys include HOLD, ESCape, BREAK, CTRL, CAPS and REPEAT, plus Up, Down, Right and Left arrow keys.

**Video Display:** High-resolution 30.5cm green phosphor monitor with 80 or 40 characters per line by 24 lines. Displays upper

## Expand Your Model 12 to Your Specific Applications

Install our optional six-slot card cage for easy expansion of your TRS-80 Model 12 to meet growing or changing requirements. You can also connect printers, plotters, modems and other accessories at any time.

## 16-Bit Power

You can get true 16/32-bit processing and perform complex computing tasks with ease by adding our powerful Model 16 Upgrade Kit. Memory options can then be added for up to 512K.

## Graphics

Create amazingly detailed on-screen charts and graphs that simplify rows of numerical data with our High-Resolution Graphics Board.

## Networking

With our new ARCNET® system, you can link any combination of up to 255 TRS-80 Model 12 or Model II computers for high-speed local networking.

## Disk Expansion

You can expand with up to four of our 8-megabyte hard disk drives.

## See the TRS-80 Model 12 Today

Get a personal demonstration of the new TRS-80 Model 12 at your nearest Tandy Computer Centre, as well as at selected stores and participating dealers. Ask about leasing, training and service plans, too.

and lower case characters with descenders, plus 32 "business graphics" characters. Automatic scrolling. Partial screen scroll protect available.

**Disk Drive:** One or two built-in double-sided, double-density 20.3cm slim-line floppies, each with 1.25-megabytes of storage. Add up to four Hard Disk Drives.

**Internal Expansion:** Optional Model 12 Card Cage (requires installation) provides six additional plug-in card slots.

**External Connections:** One standard parallel port, two RS-232 serial communications ports, one external disk bay port.

**Dimensions:** 34.3 x 54.6 x 71.4cm.

**Power Requirements:** Built-in filtered power supply for 240VAC, 50 Hz.





# Expand Your System With Our 8-Megabyte Hard Disk Drive

Primary  
Hard Disk  
Drive

**5999<sup>00</sup>**  
Cat. No. 26-4150

Secondary  
Hard Disk  
Drive

**4999<sup>00</sup>**  
Cat. No. 26-4151

The TRS-80 8-megabyte Hard Disk Drive gives you vastly increased data storage capacity—with exceptionally fast access times through powerful Winchester technology.

## Model 12 Expansion

Combine the 8-megabyte Primary Hard Disk Drive with our new TRS-80 Model 12 microcomputer and you can have a fast and powerful computing system to handle a variety of large data applications, including accounting, inventory control, electronic filing, financial planning, spreadsheet analysis and word processing—to name just a few.

## Easy Operation

Our 8-megabyte Hard Disk Drive can also be used with our TRS-80 Model II or TRS-80 Model 16 computers. The advanced operating system's many superior, user-friendly features make file handling a breeze. All currently available TRSDOS library commands are supported, and enhanced features designed specifically for the hard disk system have been included.

## Hard Disk Expansion

Add up to three Secondary Hard Disk Drives to your primary drive system for a total of 32 megabytes of on-line data access and storage. This powerful hard disk combination would be ideal for extremely large accounting, inventory control and data base management systems.

## Available Right Now!

You can learn more about our 8-megabyte Hard Disk Drive at Tandy Computer Centres, selected stores and participating dealers.

## 8-Megabyte Hard Disk Drive Specifications

A 2-platter, 4-surface 20.32cm disk drive employing sealed media with a self-contained, recirculating filtered air system.

**FORMATTED CAPACITY:** Primary drive—8.6 megabytes, secondary drives—8.9 megabytes.

**DISK FORMAT:** Each of the 4 disk surfaces has one movable read/write head to access 256 data tracks on that surface. A 4-track cylinder is accessible under all 4 heads with a single seek.

**DISK SIZE:** Two non-removable 20.32cm disks.

**DATA TRANSFER RATE:** 4.34 megabits/second.

**DISK ROTATION SPEED:** 3125 RPM.

**LATENCY:** 9.6 milliseconds, average.

**TRACK ACCESS TIME:** 19 milliseconds (track-to-track).

**POWER:** 240VAC, 50 Hz, 140W.

**SIZE:** 13.97 x 46.99 x 48.89cm.

**Tandy** **COMPUTER CENTRE**  
The biggest name in little computers®

A DIVISION OF TANDY AUSTRALIA LIMITED INC. IN N.S.W.