

Versatile TRS-80 Model I The Personal Computer From Beginning To End!

Tandy Electronics' TRS-80 Model I is the versatile microcomputer designed to handle a variety of applications. From the beginning of your association with computers to the peak of your programming expertise, Model I has the capacity to handle every stage of your computer knowledge.

Model I is the personal computer that can manage the household budget, balance the chequebook, and entertain and educate your children.

Tandy's large and exciting range of ready-to-run software enables the Model I personal computer to feel at home in the office and in the classroom.

And best of all, the Model I is easily expandable; from 4K up to 48K, from cassette loading to disk-drives. TRS-80 "add-ons" will increase the performance of your unit as your computing needs grow.

Tandy TRS-80 Model I, the pioneer of the microcomputer frontier.



Tandy
ELECTRONICS

"THE BIGGEST NAME IN LITTLE COMPUTERS"

SPECIFICATIONS

Microprocessor: Advanced Z-80 8-bit processor. Clock speed, 1.78 MHz.

Keyboard: Integrated, full size, 53-key, 16K Level II also has 12-key data pad.

Video Display: Memory mapped, all graphics and alpha-numerics controlled by BASIC commands. Cursor control. Automatic Scrolling.

Text: 16 lines of up to 64 characters with Level I. With Level II, you may select an optional mode of 32 characters per line.

Graphics: 128 horizontal by 48 vertical. Graphics and text can be combined in any manner by software.

Memory: Includes 4K or 12K Read-Only-Memory (ROM), 4K or 16K Random Access Memory (RAM).

Input/Output: Computer-controlled cassette interface Expansion port built-in.

Power: 240V, 50 Hz, 50 watts; Video Monitor, 240V, 50 Hz, 50 watts.

Dimensions: Key board; 41.9x20.3x8.8 cm.

ACCESSORIES

EXPANSION INTERFACE

For Level II; allows up to 32K additional RAM.

Real-Time Clock: 25 mS heart-beat interrupt; provides "tick" for real-time routine.

DISK-DRIVES

Connecting Peripherals: Expansion interface features 2 DIN jacks for 2 cassette recorders. Card-Edges for connection of Line Printer, and up to 4 Mini Disk-Drives, plus expansion board and Bus.

Disk Format: 35 Tracks; 10 Sectors per Track; 256 Bytes per Sector; 89,600 Bytes per Diskette.

Disk Size: 12.8cm floppy disk.

Data Transfer Rate: 12,500 bytes-per-second.

Disk Speed: 300 RPM.

Latency: 100 mS (average).

Track Access Time: 200 mS average, 600 mS to cross all 35 tracks.

Average Backup Time: 1:10 minutes (including formatting).

Memory Usage: TRSDOS, 4.2K RAM; Disk BASIC. 5.8K RAM.

Power: 240 VAC, 50 Hz, 35 watts.

Size: Each drive 16.5x8.8x33.6 cm.

Price: Disk-Drive 1 699.00
Drives 2, 3 or 4 each 679.00
TRSDOS/Disk BASIC Disk only for Model I 19.95

Dimensions: 10.2x40.7x20.3cm.

Power: 240V AC, 50 Hz, 50 watts.

Price: 0 RAM 479.00
16K RAM 539.00
32K RAM 599.00

RCS-232 Serial Interface 139.95

Green Monitor 230.00

SOFTWARE

Available to Model I on either disk, or cassette.

PERSONAL FINANCE

Budget Management: Up to 60 budget accounts, 25 cash expenses, 20 savings transactions, 50 cheques per month. Prints reports. 29.95

Personal Finance: Balance chequebook, maintain monthly budget 27.95

Cassette Portfolio 59.95

Inventory Control 139.95

BUSINESS

Scriptit: word processing programme. Cassette 99.95
Disk 139.95

VisiCalc: a powerful management and planning tool and forecaster. Disk 139.95

Mailing List: Cassette 36.95
Disk Mailing List: 69.95

Accounting Disk:

General Ledger 139.95
Accounts Payable 199.95
Accounts Receivable 199.95
Fixed Assets 119.95

EDUCATION

Essential Math, Volume One: Math drill on number concepts — addition, subtraction, multiplication and division. 59.95

K-8 Math, Volume One: multiplication, subtraction, addition and division drills. Student is automatically advanced after the mastering of each lesson. 249.95

ENTERTAINMENT

Space Warp 24.95
Formula-One 9.95
Casino Games Pack 29.95
Invaders 9.95

This is just a small selection from the vast range of programmes available for the TRS-80 Model I microcomputer.

TRS-80

Tandy Store Address