

ACCESS



TO STEP INTO THE FUTURE, ALL YOU NEED IS ACCESS.

If you've been thinking about joining the computer revolution, consider the advantages of owning a computer that's on the front lines.

The Access Computer.

Access solves the problems of putting together a computer system because it is a computer system. One that contains a computer, printer, modem, electronic typewriter, and more. Totally integrated in one neat package.

Never before has there been a computer to offer so much capability, so many features, and so much versatility, combined with go-anywhere portability at a price that's about half what you'd pay for a comparable desktop system. If there were a comparable desktop system.

The fact is, Access gives you everything you need:

- 5 Microprocessors
- Z-80A Main Processor
- 64K User RAM
- 7" Amber Display

- 2 Double Density Disk Drives
- 80 CPS Dot Matrix Printer
- High Resolution Graphics
- Acoustical Coupler and Direct-Connect Modem
- Detachable Keyboard with 15 Function Keys
- CP/M™, M Basic™, C Basic™, Communications, Fancy Font™, Perfect Writer™, Speller™, Filer™, Calc™
- Leather Carrying Case
- Diskette Storage
- Modular Servicing
- Internal Uninterruptible Power Pack (Option)
- Double-Sided Disk Drive (Option)

And more.

All standard.

All in a package designed to take you where you want to go.

Access. The future.

Ready and waiting with everything you need.

STANDARD FEATURES

Computer

5 microprocessors for high performance system operation

Z-80A central processor
Z-80A CRT, real time clock, keyboard interface
8741 and 8749 printer control
8749 keyboard scanner

Memories

64K bytes user RAM
4K bytes monitor RAM
Two 4K byte system EPROMS
One character set EPROM 256 characters

Real time clock

Integrated Peripherals

Display Screen

7" diagonal monochrome amber
80 characters x 25 lines
Full 96 ASCII upper and lower case, high resolution, text characters
7 x 9 character matrix in a 9 x 11 block with descenders
64 graphic characters
User selectable attributes: inverse blink, blank, underline, double underline, half intensity, normal intensity
Cursor: blinking or non-blinking line, block, addressable
Special features: insert/delete, character or line, protected/unprotected fields, erase functions, line, block, page transmission block, conversational mode

Keyboard

Detachable with 4-foot coiled cord
Low profile typewriter style with 15 function keys
Operation keys: cursor control, keyboard lockout, caps lock, tab, backspace

Printer

80 CPS bi-directional impact dot matrix
Characters per line: 80 standard, 40 enlarged, 132 condensed, 66 condensed-enlarged
Character set: 96 ASCII plus 73 graphic and special character symbols
Full graphics capability
Friction feed: single sheet, or fanfold paper
Form feed: programmable in 1/120" increments
Line spacing: programmable in 1/16" or 1/48" increments
Print matrix: 9 x 9
Character size: 2.1 MM (W) x 3.1 MM (H)

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CP/M and C Basic are registered trademarks of Digital Research, Inc.
Centronics is a registered trademark of Centronics, Inc.
Fancy Font is a trademark of Softcraft, Inc.
M Basic is a trademark of Microsoft, Inc.

Disk System

Two 5¼" double density disk drives
184K bytes storage per diskette
Format: 256 bytes/sector, 18 sectors/track, 40 tracks

Modem/Acoustical Coupler

Acoustical coupler and direct line modular jack connection
Data rate: 0 to 300 baud, full duplex
Operating modes: manual originate, manual answer, automatic dialing, and directory support
Line compatibility: WE 103, 113, and 105

Input/Output Ports

Two RS-232C with software selectable baud rate (61-9600)
Parallel with centronics compatible and bi-directional modes
IEEE-488
Composite video output jack
8" disk drive interface

System Software

CP/M 2.2 operating system
Microsoft M Basic™, Digital Research C Basic™
Communications support
System utilities

Application Software

Perfect Writer: powerful, easy-to-use word processor
Perfect Speller: automatic spelling checker program with 50,000-word dictionary
Perfect Calc: advanced spreadsheet and financial modeler
Perfect Filer: high-performance data management system
Fancy Font: a variety of type styles and sizes

Mechanical & Electrical

Weight: 33 pounds
Width: 16½ inches
Height: 10 inches
Depth: 10¹³/₁₆ inches
Operating temperatures: 49° to 90°F, 9° to 32°C
Convection Cooling
Diskette storage for ten 5¼" diskettes
Power: 95 to 135 VAC or 190 to 270 VAC, 47 to 63 Hz
9-foot removable power cord: stores in rear compartment
Controls: system reset, power on/off, monitor intensity
Adjustable position support for optimum viewing angle

Options

Tractor feed for printer
Double-sided disk drive
Internal uninterruptible power supply (battery pack).
One hour system operation, rechargeable from 115, 220, or 12 volt



**Access Matrix
Corporation**

2159 Bering Drive
San Jose, CA 95131
(408) 263-3660