

## IBM *Portable* Personal Computer

*A personal computer that goes where you go . . .  
works where you work*

**A portable, affordable personal computer.** The IBM *Portable* Personal Computer offers you the performance and versatility of the IBM Personal Computer in a portable, reasonably priced package.

The IBM *Portable* PC is compact but powerful. Although it weighs only about 30 pounds and occupies about as much space as a standard office typewriter, the IBM *Portable* PC features the same high-speed, 16-bit microprocessor that drives the IBM PC, PC XT and PCjr. What's more, its 256KB of user or Random Access Memory is significantly greater than that of many other personal computers.

**A computer that goes with you.** You can carry the IBM *Portable* PC from office to office . . . department to department . . . office to home—wherever it can help you most. And you won't have trouble finding a place to put it: The 20 by 17 by 8-inch computer can fit easily on most desks and tables.

The computer's System Unit, display and keyboard can be packed up and transported as a single, self-contained unit. For storing and carrying, the keyboard attaches directly to the computer, protecting the front panel while serving as the base of the unit.

The computer has a built-in carrying handle and comes with a durable carrying bag, complete with handles and a shoulder strap.

**IBM PC compatibility.** In addition to its performance capabilities and portability, the IBM *Portable* PC offers you another major advantage: It is capable of running most IBM software products designed for the IBM Personal Computer. The IBM *Portable* PC also can use data diskettes created on the Personal Computer AT, PC XT, PC or PCjr.



And software can always be close at hand: The system's front panel contains a compartment for storing program and data diskettes.

**IBM performance with power to spare.** Behind the IBM *Portable* PC's extensive computing power lies the powerful Intel 8088 microprocessor, the same one used in the IBM PC, PC XT and PCjr. For even more power, the system can support an IBM 8087 Math Co-processor, a hardware option that greatly increases the speed of mathematical calculations.

The system has 256KB of user or Random Access Memory (RAM), expandable to 640KB. With 640KB of RAM, the IBM *Portable* PC has enough internal memory to run the most sophisticated personal computer application programs available today.

The system also has 40KB of permanent or Read Only Memory (ROM). ROM contains a Power-on Self-test that automatically examines the System Unit whenever you turn the computer on or restart it. ROM also contains BASIC, an easy-to-use programming language that lets you create your own application programs.

The computer's slimline diskette drive gives you access to information stored on double-sided, 360KB-capacity<sup>1</sup> diskettes. In addition, you can add a second diskette drive to provide 720KB of diskette storage—enough space to store more than 368 double-spaced, 8½ by 11-inch typewritten pages. Two diskette drives also offer you faster access to data and let you run application programs that require two diskette drives.



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**Familiar IBM PC Keyboard.** The 83-key, typewriter-like keyboard closely resembles the one used with the IBM PC and PC XT. It contains the full range of text and ASCII characters as well as a 10-digit calculator keypad and 10 programmable function keys for activating frequently used commands.

You can position the keyboard wherever it feels most comfortable—even place it on your lap—because it connects to the computer with a 30-inch coiled cable. When you're carrying the computer from place to place, you can store the cable in a special compartment located in the keyboard.

**Easy-to-read amber display.** Built into the front of the IBM *Portable* PC is a high-quality, 9-inch (diagonal measurement) display screen. It enables you to view graphics and up to 25 lines of uppercase and lowercase text with 80 characters per line. For viewing comfort, the easy-to-read dot-matrix characters are displayed in amber phosphor.

Brightness and contrast controls, conveniently located on the front panel, can be easily adjusted to accommodate variations in room lighting and personal viewing preferences.

**A computer to grow with.** Seven expansion slots make it possible for you to increase the capabilities of the IBM *Portable* PC. Two of these slots are taken up by adapters included with the system. The Diskette Drive Adapter lets you add the second diskette drive. And the IBM Color/Graphics Monitor Adapter supports the computer's amber display and allows you to connect an additional color monitor, such as the IBM Color Display.



The remaining five slots accommodate various optional adapters that enable you to connect a wide range of hardware options, including:

- *Printers*<sup>1</sup>—for producing text and graphics printouts.
- *Modems*<sup>2</sup>—for communicating with other computers or tapping into on-line information services via the telephone.
- *Joysticks*<sup>2</sup> and *game paddles*<sup>2</sup>—for operating entertainment programs more easily.
- *IBM Expansion Unit*<sup>2</sup>—for increasing storage capacity by as much as 20MB. The unit comes with one 10MB fixed disk drive and allows you to add a second 10MB drive. With 20MB of fixed disk storage, your IBM *Portable* PC can store the equivalent of more than 10,000 double-spaced typewritten pages of information.

The IBM *Portable* Personal Computer gives you the power of the IBM PC in a compact package—designed to go where you go... work where you work... and fit just about anywhere.

<sup>1</sup>The IBM Disk Operating System (DOS) 2.00 or higher increases the formatted capacity of 320KB diskettes to 360KB.

<sup>2</sup>Modems, joysticks and game paddles are not part of the IBM *Portable* Personal Computer offering and must be purchased separately.