

One type of off-line mass storage is integrated into the HP-75C. A hand-pulled magnetic-card reader, through which cards containing programs or data are pulled, reads or writes up to 1.3k bytes per card. A peripheral mass-storage device is available, but the card reader gives the HP-75C integrated mass-storage *even in the completely portable mode.*

Multiple files, which can interact, are an important part of the computer's capabilities. Program files, data files and appointment files can be named, saved in RAM, and programmed to interact with each other.



The HP-75C comes with built-in Hewlett-Packard Interface Loop (HP-IL). HP-IL lets battery-operable computers communicate with a range of peripherals and other computers, and is designed to be inexpensive and easy to use.



There is no end to what this marvelous creation can accomplish, with its complete range of peripherals; its ability to interface to instruments; its current and future software; and its total dedication to **portable, personal computing — anywhere, anytime.** No amount of words, here, could fully describe the total capabilities of the HP-75C. You simply have to see one and hold it in your hands. So check with your local HP Dealer or your HP Sales Office. It will be in great demand, so be patient.

By the way . . . the HP-75C weighs only 26 ounces (0.74 kilogram). But, if its *capabilities* could be "weighed," you would need to measure them in "tons!"

More Power at Your Fingertips

In June, at the Consumer Electronics Show in Chicago, Hewlett-Packard introduced two more significant contributions to the world of pocket keystroke programmable calculators. Designated the HP-15C and the HP-16C, these new calculators command an enormous range of computational power that, because of their petite size, is not readily apparent. In the same family of rugged, slim-line, liquid-crystal-display calculators initiated by the HP-11C and HP-12C — which were introduced last year (see V5N3p1) — these two new models solve an unprecedented number of engineering and computer-science problems.



The HP-15C Keystroke-Programmable Scientific Calculator is the most powerful "stand-alone" handheld calculator on the market today;

HP-86 Introduced

The modular design is the most visible feature of the new **HP-86 Personal Computer**, introduced by Hewlett-Packard on July 12. And, modularity means that you can build a flexible, low-priced system around the HP-86 to meet your changing needs.

The HP-86 consists of a powerful microprocessor and a keyboard in one package. The keyboard features a standard alphabetical pad and a numeric pad, plus, there are seven shiftable user keys for a total of fourteen user-definable functions. There are also six display editing keys to greatly simplify changes, corrections, additions, etc.

In addition to the operating system and the display RAM, the HP-86 has 64k bytes of user RAM. And, like the HP-87, this user RAM is expandable to half a million bytes with the addition of plug-in memory modules in the four ports in the back of the computer. These ports also let the user expand the capability of the HP-86. The HP 82900 CP/M* system, the HP 82950 modem, additional ROMs, as well as HP Memory Modules can be plugged into the ports.

In designing your HP-86 system, you can choose between a 9-inch and a 12-inch display monitor, and the HP-86 easily interfaces with the HP 82905B Dot-Matrix Impact Printer. A new disc drive, the HP 9130, with a 270k byte capacity, provides your system with plenty of mass storage. The new machine is also compatible with HP's personal-computer modem and a variety of printers and graphics plotters.

But, software is the key to the appeal of this new computer. All of the HP Series 80 BASIC software will run on the new HP-86 and, with the addition of HP's plug-in CP/M System, the CP/M operating system and associated software will run on the HP-86. New software for accounting, data-base management, tax planning, and word processing is available and this new software complements HP's existing graphics, electronic worksheets, and data-communication programs.

Two data-communications software solutions let the HP-86 communicate with other computers and with information services such as THE SOURCE** and Dow Jones News/Retrieval***. In fact, a free hour of connect time on the Dow Jones News/Retrieval and THE SOURCE is included with the purchase of the HP modem or HP's Data Communications Pac, giving the new user an introduction to information services.

This short article can only begin to touch on the wonders of this new computing marvel, the HP-86. See your local HP Dealer for a more complete picture of why the HP-86 is the solution to your computing needs; also for a very pleasant surprise: the HP-86 is the lowest priced personal computer ever offered by Hewlett-Packard.

*CP/M is a registered trademark of Digital Research, Inc.

**THE SOURCE is a service mark of Source Telecomputing Corp., a subsidiary of The Readers Digest Association, Inc.

***Dow Jones News/Retrieval is a registered trademark of Dow Jones & Company, Inc.



Hewlett-Packard's Series 80 family of personal computers now includes (from left) the portable HP-85; the new, low-price HP-86; and the new HP-87XM, with its 128k bytes of built-in user memory. They are at your HP Dealer now; don't miss them!