



# The answer is a Sol System.

**It's the serious solution to the small computer question.**

Sol Systems are the key to effective, economical small computer power. Sol Systems give you the force of a powerful general purpose computer, the problem solving capability of high level languages and the operational simplicity of everyday office equipment.

From the ground up, Sol Systems were designed to do a complete job without adding a load of costly extras. In fact, when you compare the "everything included" price of a quality, field proven Sol System with anything else on the market, you'll be happily surprised to find out how little the extra performance and convenience costs.

For example, complete Sol Systems with 16,384 bytes of RAM memory start at less than \$2500\*. Expanded systems with 49,152 bytes of RAM memory, 1.5 million bytes of on-line disk memory, disk operating system and Extended Disk BASIC cost less than \$8000\*. Both systems are fully assembled, burned-in, tested and ready to go.

**Sol Compatibility**  
Sol Systems feature the S-100 bus for pin-to-pin compatibility with a wide variety of add-on devices such as voice input and computer graphics. Standard Sol parallel and serial interfaces will drive most standard printers, modems and other peripherals.

**A word about languages**  
No system is complete without software, and at Processor Technology we have tailored a group of high level languages, an assembler and other packages to suit the wide capabilities of our hardware.

Take a look at our exclusive Extended BASIC as an example. In cassette form, this BASIC features string and advanced

\*U.S. prices only.

file handling, special screen commands, timed input, complete matrix, logarithmic and trigonometric functions, exponential numbers, 8 digit precision and square root. The language handles serial access files, provides tape rewind and offers cursor control for graphics capability.

The disk version has all the number crunching talents of the cassette BASIC plus instant access to data and programs on floppy disks. It includes random as well as sequential files and a unique ability to update sequential data in place.

Processor Technology FORTRAN is similar to FORTRAN IV and has a full set of extensions designed for the "stand alone" computer environment. Thousands of special application programs available through books and periodicals have already been written in this well established language.

Processor Technology PILOT is an excellent language for teachers. It is a string-oriented language designed expressly for interactive applications such as programmed instruction, drill and testing.

**No wonder we call it the serious solution to the small computer question.**  
It's the small computer system to do the general ledger and

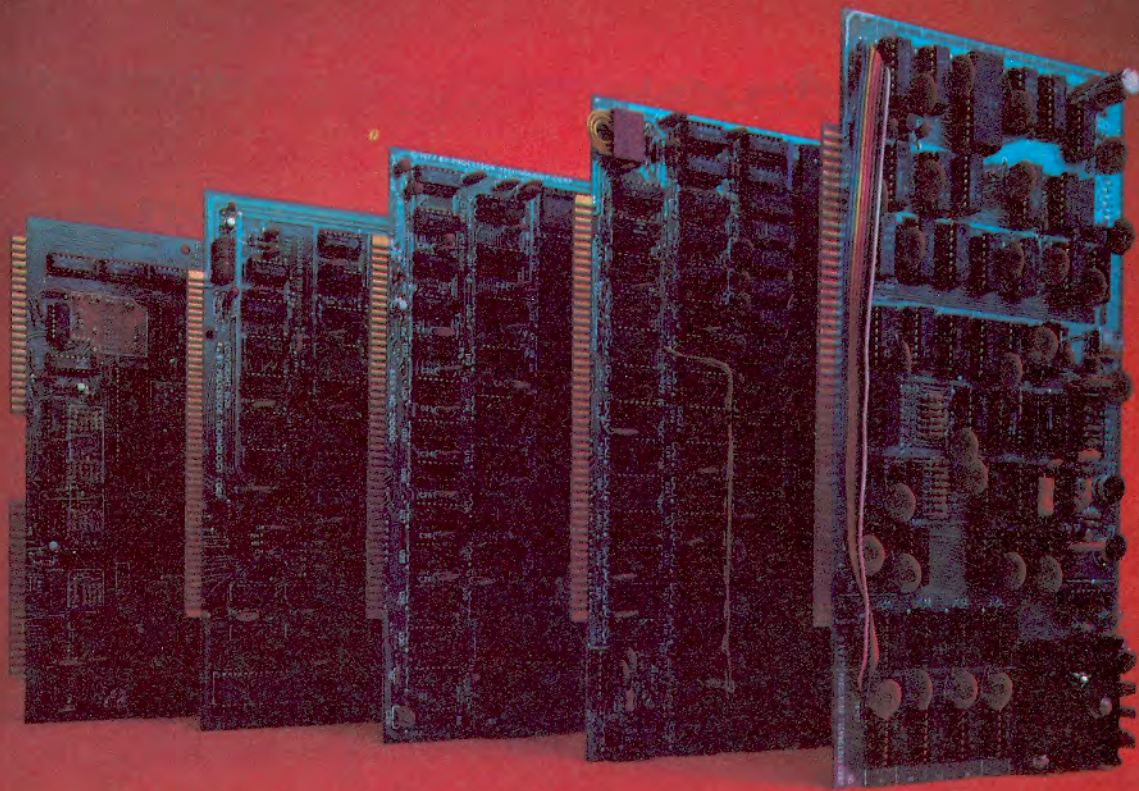
the payroll. Solve engineering and scientific problems. Use it for word processing. Program it for computer aided instruction. Use it anywhere you want versatile computer power!

**Sold and serviced only by the best dealers.**  
Sol Systems are sold and serviced by an outstanding group of conveniently located computer stores throughout the United States and Canada. They are also available in Australia, Europe, the United Kingdom, Central America, South America, Japan and Singapore.

For more information contact your nearest dealer listed on the following page. Or write Department B, Processor Technology Corporation, 7100 Johnson Industrial Drive, Pleasanton, CA 94566. Phone (415) 829-2600.

Circle 305 on inquiry card.

**Processor Technology**



# Subsystem B

**Each board is a standout.  
Together, they're a powerhouse.**

In the beginning there were boards, thousands of them.

That's how we started in the business. Making memories and interfaces for other people's computers...and making them better.

Now that our own Sol has become the number one small computer, you might think we're putting less emphasis on our board business.

Not so.

We're just doing more creative things with them.

## **One neat package gets your computer on the air.**

For example, we've built Subsystem B, which ties together five Processor Technology modules into a completely integrated system that makes other S-100 Bus computers work almost as well as our Sol.

Circle 305 on inquiry card.

Subsystem B includes a memory module, three input/output modules, a general purpose memory, and appropriate software.

A specialized software program called CUTER knits together your computer and its peripherals to create an integrated, smoothly working system.

It's the fastest, cleanest way to get on line, and it costs less than if you bought each module separately.

You get your choice of two low power, reliable memory modules in 8K or 16K capacity.

Our VDM-1 video display module (still \$199 in kit) is the industry standard display device with over 6,000 in use.

Our CUTS high speed, low cost (\$149 in kit) audio cassette interface is the most reliable on the market and is supported by our broad line of cassette

software including Extended BASIC, FORTRAN\*, PILOT\*, FOCAL and numerous others.

And our 3P+S input/output module offers a low cost way to handle virtually all the I/O needs of any S-100 Bus compatible computer system. There are close to 10,000 in the field. Price is just \$149 in kit.

Yes, we may have become the maker of the Number 1 small computer — the Sol. But we haven't neglected the quality of our board business. We can't afford to... because we use many of them in our own computers.

For our most recent literature and price list see your dealer or write Processor Technology Corporation, Box B, 7100 Johnson Industrial Drive, Pleasanton, CA 94566. (415) 829-2600.

**Processor Technology**

\*Available soon.

U.S. prices only.