

# COMPUTING POWER FOR THE 80'S

8 Mhz.

MICROSOFT

# 8086 WITH BASIC

**OPENS THE DOOR TO HIGH-SPEED 16-BIT COMPUTING**

## BASIC-86

**IT'S THE STANDARD** — This BASIC is essentially identical to version 5 of Microsoft's BASIC interpreter, the accepted standard with widely available application programs. Programs distributed in CP/M® format are easily converted to the 86-DOS system. (CP/M is a registered trademark of Digital Research.)

**IT'S FAST** — It is two to seven times faster than BASIC-80 on a 4 Mhz. Z-80, depending upon application.

**BREAKING THE 64K BARRIER** — How many of you can run an extended disk BASIC and see the message "63309 Bytes free" when it signs on?

**RUNS UNDER 86-DOS** — Our high-performance operating system can load the 30K BASIC interpreter in less than 2 seconds. LOADING and SAVEing BASIC programs is done with similar speed.

## 8086 HARDWARE

**MEMORY** — Our two card 8086 CPU set is the only high-performance 16-bit processor for the S-100 bus that allows using standard 8-bit memories for economy or IEEE 16-bit memories for speed — in any mix.

**16-BIT OR EXTENDED ADDRESSING** — Special circuitry is included to allow memories without IEEE extended addressing to be used in systems with more than 64K (uses PHANTOM).

**FAST 8 MHZ. OPERATION** — Gives you high performance without requiring expensive memory. Most any 250 nsec. static memory board will do the job. Or, at the flip of a switch, a 4 Mhz. clock may be selected and/or a wait state may be added.

**2-CARD CPU SET** — Includes serial I/O, parallel I/O, a monitor in 2716 EPROM, a time-of-day clock, and a very flexible and expandable vectored interrupt system.

## 86-DOS™

**THIS HIGH-PERFORMANCE disk operating system** provides a hardware-independent environment for running programs. By presenting a high-level interface for disk and peripheral I/O, the operating system relieves a considerable burden from the program.

**DEVELOPMENT SOFTWARE** — 86-DOS provides a complete package of development software, including editor, assembler,

debugger, Z80 to 8086 source code translator, and utilities.

**I/O CONFIGURATION** — The hardware-dependent portions of the I/O system have been isolated into a single module. Full specifications are provided to allow customizing the module for a given hardware configuration.

### **From Seattle Computer, the System Design Experts**

The products described here are only the beginning of a broad line of high-performance hardware and software products for the 80's. All of it is designed with "The Big Picture" — the total system — in mind.

For highest reliability, all of our hardware uses bus receivers which exceed the IEEE specifications by including

hysteresis. The system already includes complete hardware support for the multi-user superset of 86-DOS that will be released later this year. And our future products, such as a high-speed DMA controller for floppy and hard disks, will demonstrate an even further support for fast multi-user systems.

Prices: 8 Mhz. 2-card CPU set, fully assembled, tested, guaranteed, documented, 86-DOS included — \$595; BASIC-86 — \$350. Sale price of \$280 for 8/16 16-bit RAM ends March 1. Manuals for all SCP products may also be purchased separately. Overseas orders must be prepaid in US funds and include \$10 per board for air shipment.

Circle 181 on inquiry card.



**Seattle Computer Products, Inc.**

1114 Industry Drive, Seattle, WA. 98188  
(206) 575-1830