

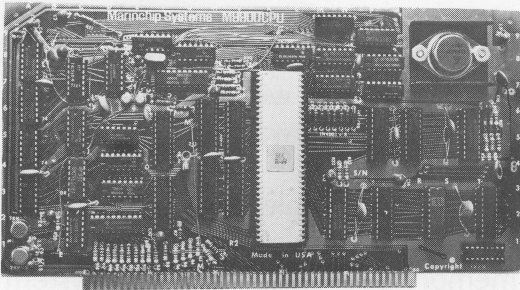
M9900 - The Real 16 bit Computer that's real right now

from Marinchip Systems

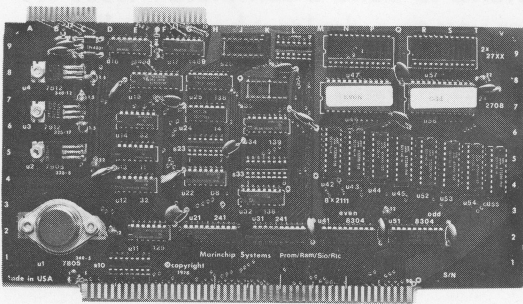
If you're considering upgrading your current S-100 system to 16 bits, or are looking for a 16 bit computer for a new application, consider the M9900 product line from Marinchip Systems. It gives you the advantages you want from a 16 bit computer,

along with field proven and comprehensive software, rapid quantity deliveries, and the ability to expand the system as your needs grow without discarding your initial investment in hardware or software.

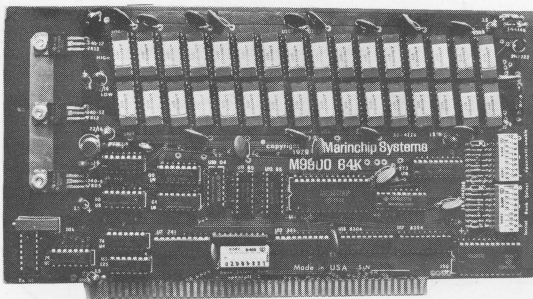
Consider our hardware



M9900 CPU. The processor board of the M9900 family. Includes TMS9900 16 bit processor with hardware multiply and divide, complete S-100 bus interface supporting both 8 and 16 bit memories, vectored interrupts, DMA, and both S-100 I/O and bit-addressable M9900 I/O. Assembled & tested: \$700, Kit: \$550. This price includes the basic software package (see below).



PROM/RAM. This board includes 2K bytes of PROM, 1K bytes of RAM, a serial I/O port with programmable baud rate, and programmable real time clock. The board provides room for up to 8K bytes of user PROM. This board is supplied with debug monitor and disc boot in PROM. Assembled: \$350, Kit: \$275.



64K RAM. Our 64K RAM board provides 64K bytes of storage which operates in 16 bit mode, doubling system performance compared to 8 bit S-100 memories. The board includes programmable memory management hardware permitting bank selection in blocks of 4K bytes. Total system memory when using multiple 64K boards can be as large as 16 megabytes. Assembled: \$1050.

Consider our software

Marinchip Systems includes complete development system software with the M9900 CPU. Many M9900 users need no software other than that supplied free with the CPU.

Basic software package. Included with the CPU is a disc operating system, BASIC, word processing package, text editor, relocatable assembler, linker, debug monitor, diagnostics, and utilities.

The following optional software can be added to the M9900 system when required.

Extended Commercial BASIC. Offers 16 digit accuracy, PRINT USING, random access files, CHAIN with common variables, and the ability to save compiled code and execute later. ~~\$120.~~

Pascal. Our conversion of Per Brinch Hansen's Sequential Pascal. Compiles to pseudocode which executes under the regular operating system. \$150.

Network Operating System. An advanced operating system which supports multi-user environments, hard discs, and byte addressable files as large as four thousand million bytes. Software developed under the disc operating system furnished with the CPU is upward compatible with the Network Operating System. \$250.

META. A language for writing compilers. \$20.

Business Applications. General Ledger, Accounts Payable / Receivable, and Payroll are available for use under Extended Commercial BASIC on the Network Operating System. Source code is included with the application packages for ease in updating, ~~\$150~~ each (call for availability dates on these packages).

Consider our support

When you choose the M9900 system as the base for your development, you are buying a product that's been delivered to customers worldwide since March of 1978, which was supported by complete development software when it was first delivered, and which has had its software base expanded with every passing month. When we announced the M9900 CPU, we said we intended to deliver an Extended BASIC, Pascal, and a multi-user timesharing system. All of those promises have been met. We were first with true 16 bit operation on the S-100 bus, and first with a 64K memory to take advantage of that invention. With all the enhancements we've made to our system, we've been careful to protect our users' investment, so programs written on the first M9900 ever sold will run without change on the newest systems.

Since we developed both the hardware and software for the M9900, if you have a question or a problem, you can get an answer from us, not a runaround. If you'd like to discuss how the M9900 can fill your microcomputing requirement, you can call Marinchip Systems and talk directly with the people who designed it and wrote the software.

Since our hardware is compatible with the S-100 bus, you can choose from hundreds of compatible interface and memory boards to configure a system to meet your requirements. We'll be glad to recommend components to build a complete M9900 system, or to refer you to a dealer who can sell you a complete computer system based on the M9900.

If you'd like to see for yourself the kind of software and hardware support we provide, you can order a complete set of manuals for the M9900 for \$40. We'll refund the \$40 when you purchase the CPU later.

Marinchip Systems

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Represented by

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SOTON SQ 222 TEL (0703) 775482

N.B. Prices out of date