# HK80/V960E VMEbus Single-Board Computer

- 82596 Ethernet Interface With TCP/IP Support
- Four Serial Ports
- SCSI Port
- VME and VSB Interface
- 2 or 8 Mbytes Interleaved DRAM
- 8Kb User Programmable EEPROM
- Big Endian/Little Endian Byte Ordering

The HK80/V960E is a single-board VME microcomputer based on the Intel i960® CA embedded processor. Designed for real-time performance, this board is used in a variety of applications ranging from intelligent communications processing to embedded process control.

The heart of the HK80/V960E is Intel's i960 CA 32-bit RISC processor operating at 33 MHz. Memory support includes either 2 or 8 Mbytes of static column RAM. By employing a two-bank inter-leaved memory architecture, wait states are minimized, even at higher clock speeds.

Other features include a 32-bit 82596CA Ethernet chip with a built-in 32-bit DMA, up to 1 Mbyte EPROM, 8K user programmable EEPROM, four RS-232 ports, VSB and VME bus interfaces, parallel port, and SCSI port.

Software support for the HK80/V960E includes the HKMON monitor with assembler disassembler. The HK80/V960E also supports Wind River's VxWorks networked real-time development environment, Integrated Systems' pSOS+, GNU960 C compiler, Microtec Research's MCC960 compiler and XRAY960 debugger, JMI, C EXECUTIVE, and Toolsmiths.
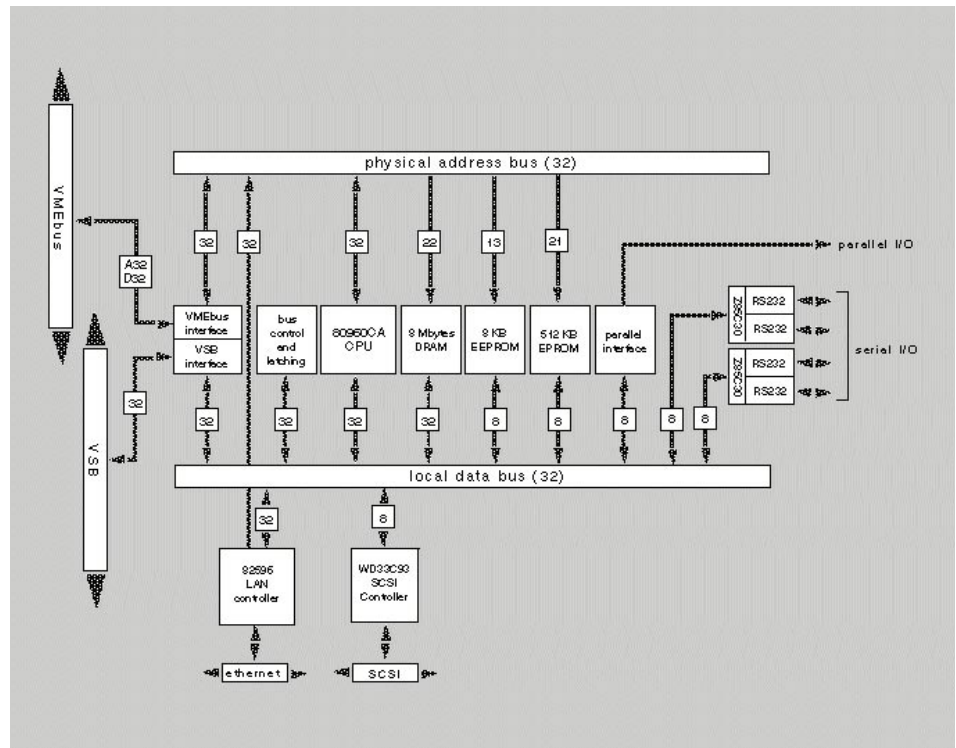
HOST SYSTEMS SUPPORTED:
Sun-3, Sun-4

PROCESSORS SUPPORTED:
i960 CF Microprocessors

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