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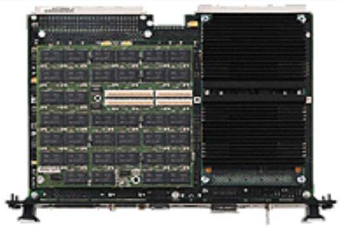
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SPARC 20MP

Multiprocessor SPARCstation 20-compatible VME Engine



The SPARC 20MP has the highest level of SPARC multiprocessing technology available on the VMEbus. The SPARC 20MP matches high performance hyperSPARC or SuperSPARC II processors with front and rear panel mounting options for up to 4 SBus cards. Based on licensed Sun Microsystems SPARCstation technology, the SPARC 20MP provides SPARCstation 20 to SPARCserver 1000-class performance with 100% binary compatibility.

The SPARC 20MP offers an enhanced VME64 interface, a faster 50 MHz MBus architecture and VME driver compatibility with the entire range of SPARC processing technology. Themis combines the SPARC 20MP's innovative multiprocessor technology with memory expansion ranging from 64 to 512 Mbytes, Ethernet, SCSI 2-FAST, two serial ports, keyboard/mouse port, a parallel port, audio port (optional), and a high performance VME64 interface. Designed with demanding telecom and embedded application environments in mind, the SPARC 20MP includes rugged MBus mounting and a metal stiffener to eliminate baseboard flex.

For Telco applications Themis developed a 4-slot SBus expansion module which provides rear access via the P2 bus. Solaris, Sun Microsystems's popular UNIX operating system, runs seamlessly on the SPARC 20MP. Choose either Solaris 1.1.2, Sun's legacy operating system, or Solaris 2.5.1, Sun's new generation O/S.

- SPARCserver 1000-class performance
- Multiple Processor Support

  One, Two or Four hyperSPARC Processors from 125 to 200 MHz

  One or Two SuperSPARC II Processors at 85 MHz

- Up to 12,487 SPECrate_int and14,299 SPECrate_fp

  (SPECrate_int and SPECrate_fp ratings provided by Fujitsu-Ross. Performance ratings may be subject to change.)

- 64 Mbytes to 512 Mbytes DRAM with TSOP Modules
- Ethernet/SCSI 2-FAST/2 Serial Ports
- Keyboard/Mouse Port
- Centronics Port
- 2 SBus slots expandable to 3 or 4 slots
- P2 Transition/Powerbus module
- High Performance SCV64 VME64 DMA Interface
- High Performance Mbus-to-VME Interface
- Solaris 1.1.2 and Solaris 2.5.1
- SPARTA MVP Multiprocessor VxWorks BSP
- VxWorks 5.3

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