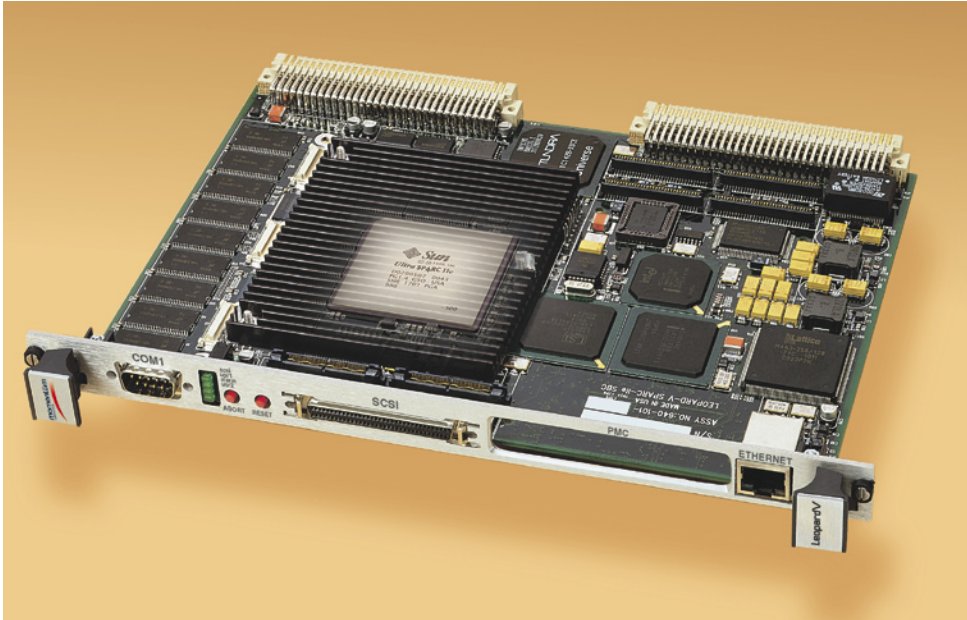


Leopard-V

6U UltraSPARC™ IIi/IIe VMEbus Single Board Computer



momentum
COMPUTER



Leopard-V is a VMEbus 6U form factor Single Board Computer that is designed for high performance embedded applications. The processor is an UltraSPARC™ IIi that operates at 650 MHz, or an UltraSPARC IIe at 500 MHz. The Leopard-V supports up to 2048 Mbytes (2 Gbytes) of main memory and occupies a single slot in a standard VME chassis. The board can auto-sense and operate as a VME system controller or a non-system controller.

Standard I/O ports on the front panel are provided in a single slot: SCSI, Ethernet, and Serial RS-232. A parallel port, an additional RS-232 port, Keyboard, Mouse, and USB ports are routed to the P2 I/O pins.

Additional front panel I/O ports can be added with an two slot version of the Leopard-V. The additional ports include SCSI, Ethernet, Serial RS-232, Keyboard, Mouse, and USB.

FEATURE SET

- UltraSPARC IIi processor operates at 650 MHz, or UltraSPARC IIe at 500 MHz.
- Single slot 6U VME board (Two-slot Front Panel I/O option).
- Operates as a VME system controller or non-system controller (auto-senses).
- Universe IIB PCI to VME Bridge.
- Multi-level Watchdog timer.
- Temperature and voltage sensors provide real time feedback for critical applications.
- PMC Graphics support.
- Power on Self Test (POST).
- Open Boot firmware.
- Sun Solaris operating system.

MEMORY AND STORAGE:

- 512, 1024, 1536, or 2048 Mbytes (2 Gbytes) SDRAM options with ECC (up to 1 Gbyte SDRAM soldered directly to base board - additional memory with memory mezzanine).
- 1 Mbyte of Boot Flash memory.
- 32 Kbytes of NVRAM and Real Time Clock.

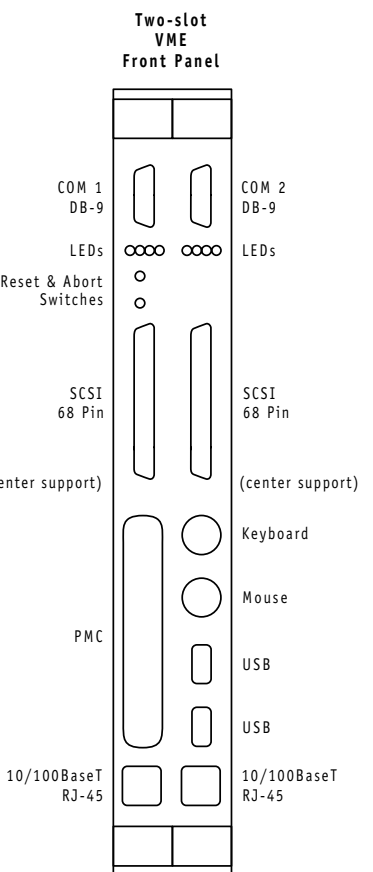
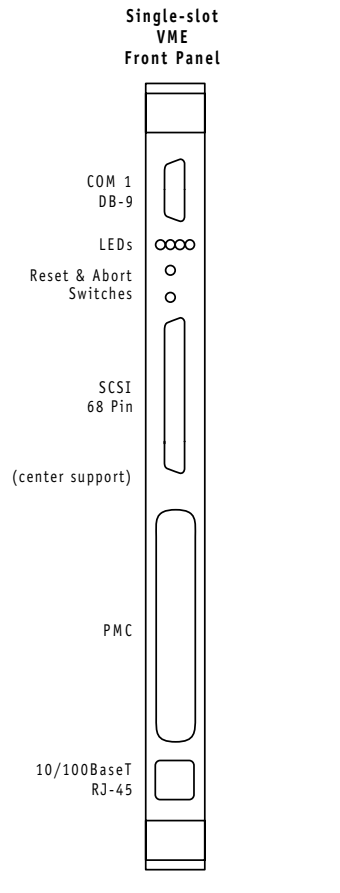
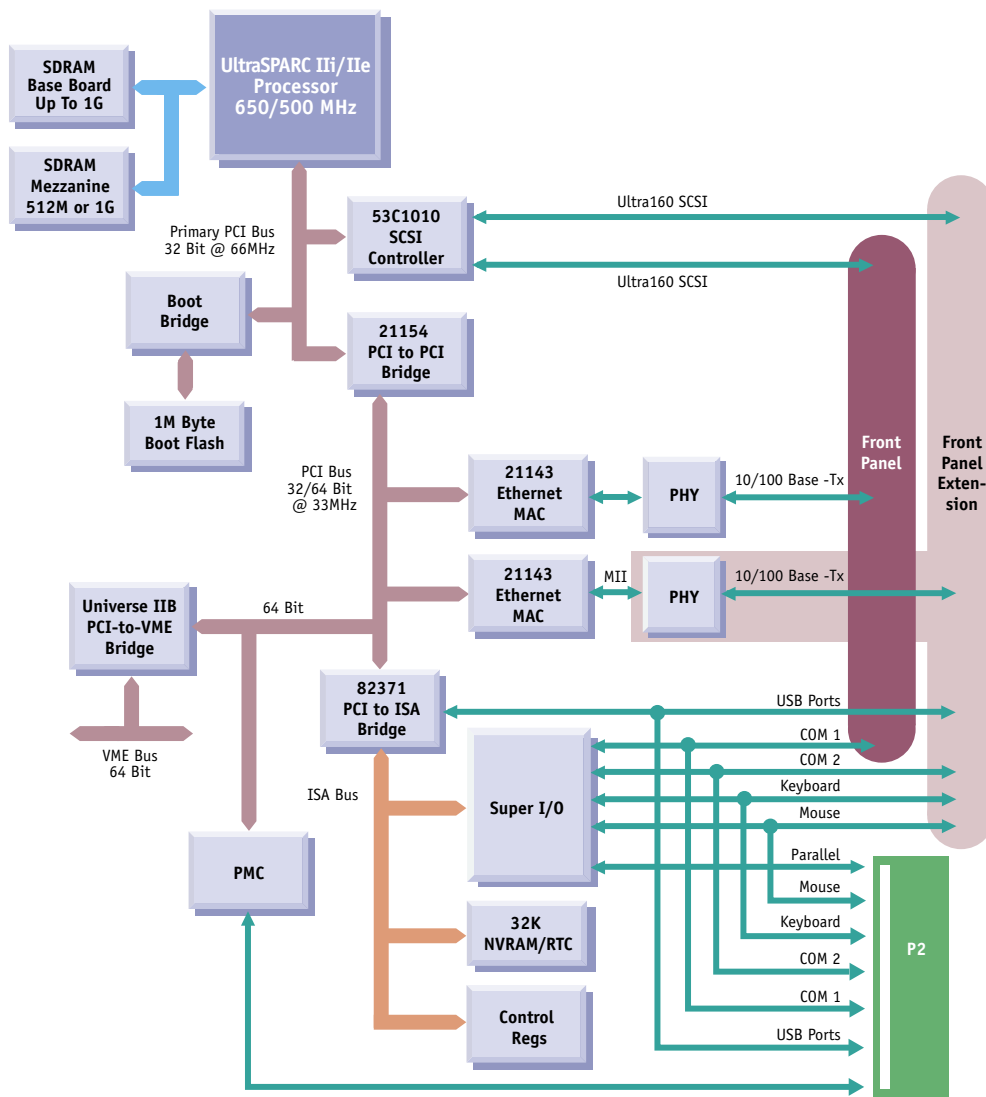
VERSATILE I/O:

- Two 10/100Base-Tx Ethernet interfaces to front panel RJ-45 connectors.*
- Dual Ultra160 SCSI interfaces to front panel connectors.*
- PMC slot, single width (IEEE P1386 / P1386.1).
- Two RS-232 communication ports interface to front panel and VME P2 connectors*
- Keyboard and Mouse ports interface to the Two-slot Front Panel and VME P2 connector.
- Two USB ports interface to the Two-slot Front Panel and VME P2 connector.
- Parallel port interfaces to VME P2 connector.

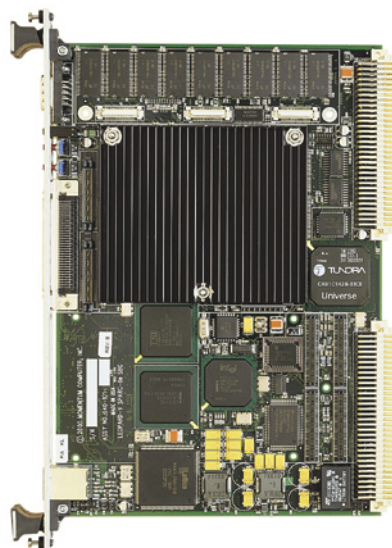
*Second port requires Two-slot Front Panel

Leopard-V

6U UltraSPARC™ Iii/Iie VMEbus Single Board Computer



- P2** = VME Bus Backplane
- Front Panel Connector**
- Front Panel Extension Connector**



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