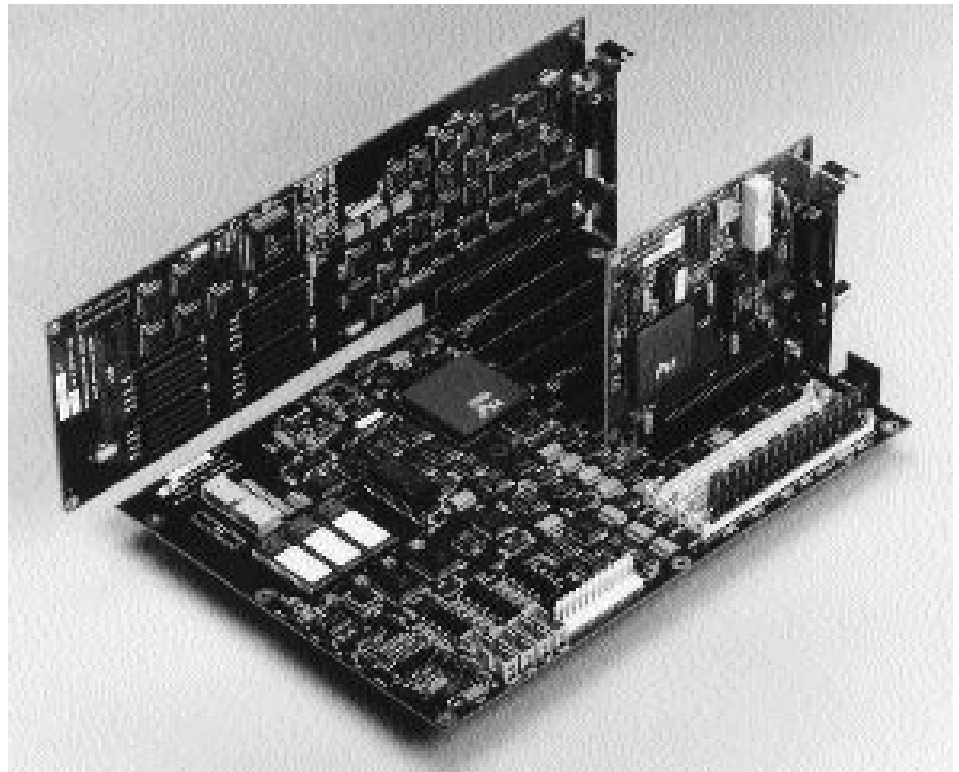# MX600 Modular i960® CA CPU-Based Networking Display Station

- "Baby-AT" Form Factor Motherboard With 33 MHz i960® CA Processor
- 8 Slots For Daughtercards With Full 32-Bit i960 Processor Bus to All Slots
- 4 SIMM Sockets (Up to 128 MB DRAM), 2 KB NVRAM, Up to 1 MB EPROM
- 4 Serial Ports, Centronics-Style Printer Port
- Programmable Interval Timer (82C54)
- Daughtercards Available:
  - Color Frame Buffer With 1280x1024 and 1024x768 Display Formats
  - Ethernet With 82596, AUI and Thin Ethernet Connectors
  - 8-Bit SCSI-2 With NCR53C710
- Software Includes Support For VxWorks Real-Time Kernel, X11R5 (Both Client and Server), DECnet

The MX600 is a full-featured modular networking display ststion based on the i960 CA 32-bit superscalar RISC processor operating at 33 MHz.

The MX600 motherboard provides the processor, memory (DRAM, EPROM, NVRAM), serial ports and parallel port. It also provides eight slots for daughtercards. Each slot has a 120-pin connector containing the full-speed 32-bit address/32-bit data bus of the i960 CA processor. Four of the slots support DMA master capability and all slots have geographic addressing for easy configuration.

Daughtercards available from Jupiter provide SCSI, Ethernet and color display interfaces. Thus all the basic functionality needed in most applications is available in inexpensive, off-the-shelf modules. Additional application-specific daughtercards can easily be developed and integrated.

Software support for the MX600 includes the VxWorks* real-time operating system

from Wind River Systems complete with TCP/IP networking and extensive debug capabilities. Additional software modules available include DECnet-compatible networking software, X Windows client-side code and X Windows server-side code.

The MX600 is available in a rackmount chassis, a tower chassis or as board-level components. The motherboard is 12" by 8.6" and will fit in a standard Baby-AT chassis.

COMPATIBILITY:
Compatible with any Baby-AT standard form factor chassis.

CONTACT:
Ed McCurtain
Jupiter Systems
3073 Teagarden Street
San Leandro, CA 94577
Phone: (510) 667-9000
FAX: (510) 667-9151

Manufacturing license and documentation available.

Jupiter