

Micronics M6Dpi

- The M6DPI is Targeted at High-Performance, High Capacity Servers and Workstations

Processors:

- Dual ZIF Socket 8 For Intel Pentium® Pro Processor
- One Integrated VRM, One VRM Header to Supply CPU-Specific Voltages

Expansion:

- Six 32-Bit PCI Slots
- Two 16-Bit ISA Slots
- One is Shared PCI/ISA Slot
- One RAID Port (ARO 1130) Attached to PCI Slot

CPU Clock Select:

- Frequency Synthesizer Chip For Easy CPU Clock Selection
- Support For 60, 66 MHz CPU Bus, With Configuration Options to Support CPU Operation From 150 to 200 MHz and Above

Chip Set:

- Intel Natoma FX PCiset
- Intel i960® RP I/O Processor
- SMC FDC37C93X Ultra I/O Chip

Memory:

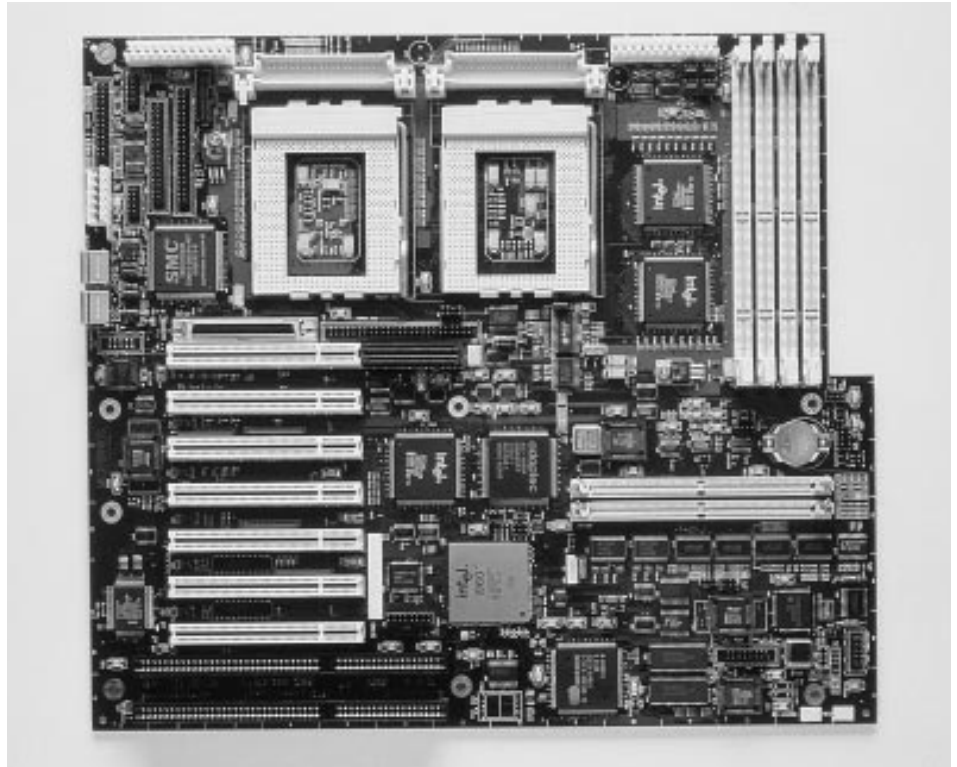
- Four 64/72-Bit 168-Pin 3.3V Buffered DIMM Sockets to Accommodate:
 - 1M x 64/72 (8 MB)
 - 4M x 64/72 (32 MB)
 - 2M x 64/72 (16 MB)
 - 8M x 64/72 (64 MB)
 - 16M x 64/72 (128 MB)
- Maximum Memory 512 MB
- Supports FPM and EDO DRAM Memory
- ECC Supported Via Chip Set

Cache:

- 16K On-Chip Level 1 Write Back on CPU Chip 256K/512K Level 2 Cache in CPU Package

PCI (Local Bus) IDE: (Option)

- Mode 4 Enhanced IDE With Bus Mastering
- Two Resident 40 Pin IDE Connectors (Primary and Secondary IDE)
- Auto Detection of Add-In IDE Board
- Multiple Sector Transfer Support



Floppy:

- Supports 360K - 2.88 MB Formats
- Auto Detection of Add-In Floppy Controllers

Ultra/Wide SCSI (Manufacturing Option):

- Adaptec 7880 Fast/Wide SCSI With Bus Mastering
- Resident 50 Pin SCSI Connector
- Resident 68 Pin SCSI Connector

Communication Ports:

- 2 On-Board 16550 Compatible Serial Ports
- 1 On-Board Parallel Port With ECP and EPP Support

Graphics (Manufacturing Option):

- 64-Bit Graphics Accelerator With 1 MB Frame Buffer
- 640x480x24
- 800x600x16
- 1024x768x16
- 1280x1024x16
- Video Cable With VGA Monitor

CONTACT:

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Connector

Server Management:

- Resident Hardware Monitor Device
- Server Management Software
- DMTF-Compliant DMI/SMI Support

BIOS:

- Phoenix 4.0X BIOS on 2 MB Flash
- PCI Auto Configuration
- Plug and Play Ready
- Auto Detection of Memory Size
- Auto Detection & Display of ECC & EDO Memory
- Auto Detection of CPU Fan Failure

- Auto Configuration of IDE Hard Disk Types
- Instant on & Quick Boot

Keyboard and Mouse:

- Standard PS/2 Style Keyboard/Mouse Connectors

Form Factor:

- Standard AT Footprint (12" x 13.8")
- Six Layer Board

The Micronics M6DPi motherboard supports the most advanced Dual Pentium Pro processor architecture, Ultra Wide SCSI, RAID-ready support and an optional 64-bit graphics accelerator. Based on Intel's 440FX PCIset and i960 supporting processor, the M6DPi supports PCI to PCI bridge and I₂O™ technology that sets valuable resources free. Designed to fit into the standard AT form factor, the versatile M6DPi also features support for Fast Page Mode (FPM), Extended Data Out (EDO) DRAM advanced memory and Error Checking and Correction (ECC) when using parity memory. Pentium Pro processor support ranges from 150 to 200 MHz with two voltage regulator modules supplying CPU-specific voltages.