

Eurotech Group

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www.eurotech.com**Advme7509**

Advme7509 is a single-slot 6U VME board powered by a PowerPC750FX processor. The board can be used as a system controller to meet high performance system requirements. The Front panel includes 2 channels, 10/100BASE-TX Ethernet ports, and 4 channels RS-232 serial ports. Different kinds of memory, including SDRAM (up to 512 MB), CompactFlash, FlashROM, SRAM, and EEPROM are available. The external VME bus is accessible via the on-board Advanet "NARUTO II" PCI-VME bridge.

**FEATURES**

- › Single-slot 6U VME processor board IBM PowerPC750FX (600 MHz) CPU with 32 KB L1 cache and 512 KB L2 cache
- › Up to 512 MB of dual-ported SDRAM (133.3 MHz, EC/ECC) accessible from the VME bus
- › 512 Kb Boot ROM FLASH; 512 Kb SRAM and real time clock; Socket for CF memory
- › 8-ch DMA controller for high speed transfers between main memory and the internal PCI bus
- › 2-ch 10/100BASE-TX Ethernet; 4-ch RS-232C serial ports, and 4-ch RJ-45 ports
- › It works as either a VME master or slave; requires a single 5 V power supply from the VME bus