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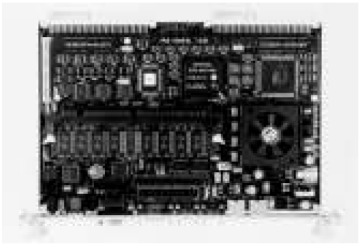
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Find the *Abaco Systems / VMIC VMIVME-7589-941* at our website: ***Click HERE***

VMIVME-7589A

PC/AT VMEbus Single-Board Computers

VMIVME-7589A
SINGLE-SLOT Pentium
PROCESSOR-BASED VMEbus CPU (Patent Pending)



- Single-slot Pentium processor-based CPU
- Special features for embedded applications include:
  - 16 Mbyte bootable flash on secondary IDE
  - Remote Ethernet booting using Lanworks Technologies, Inc.'s BootWare®
  - Three programmable 16-bit timers
  - 32 Kbyte of battery-backed SRAM
  - Software-selectable watchdog timer with reset
  - PMC expansion option (VMIVME-7434)
  - Supports VMEbus P2 connection to HD/floppy drive
  - VME64 modes supported: A32/A24/D64/D32/D16/D08(EO)/ MBLT64/BLT32
  - VMEbus interrupt handler, interrupter, and system controller
  - VMISFT-9420 IOWorks Access for Windows NT
  - Includes byte-swapping hardware for little-endian and big-endian data interfacing
  - VMISFT-7418 board support for VxWorks
- Standard features include:
  - Pentium processors with speeds up to 233 MHz (with MMX)
  - External (L2) cache - 512 Kbyte synchronous burst SRAM
  - Up to 256 Mbyte SDRAM using 168-pin DIMM
  - 64-bit PCI SVGA controller with 2 Mbyte SGRAM
  - On-board Fast Ethernet controller supporting 10BaseT and 100BaseTX
  - On-board Ultra-IDE hard drive and floppy drive controllers
  - Two high-performance 16550-compatible serial ports * (VMIACC-0045 required)

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- Enhanced parallel port with ECP/EPP modes supported * (VMIACC-0045 required)
- PS/2-style keyboard and mouse ports on front panel
- Optional dual USB ports on front panel
- Real-time clock and miniature speaker included

Ordering Options	A	B	C	-	D	E	F
VMIVME-7589A	-				-			

A = Processor
0 = Not Used
1 = Reserved
2 = Reserved
3 = Reserved
4 = 200 MHz Pentium Processor with MMX
5 = Reserved
6 = Reserved
7 = 166 MHz Pentium Processor
8 = Reserved
9 = 233 MHz Pentium Processor with MMX

B = SDRAM Memory
0 = Reserved
1 = Reserved
2 = 16 Mbyte
3 = 32 Mbyte
4 = 64 Mbyte
5 = 128 Mbyte
6 = 256 Mbyte

C = Interface
0 = Reserved
1 = Reserved
2 = Reserved
3 = Reserved
4 = No VMEbus
5 = Reserved
6 = VMEbus with Universe II

Companion Single-Slot VMEbus Floppy/Hard Disk Module

	A	B	C	-	D	E	F
VMIVME-7452	-	3			-			

A = 3
BC = Indicates Disk Module Configuration

(See VMIVME-7452 for Order Information)

CONNECTOR ADAPTER KIT

*** VMIACC-0045**

An accessory kit is available that adapts the product's front panel 9-pin serial and 25-pin parallel port Micro-D connectors to Standard-D size 9-pin and 25-pin connectors. The Connector Adapter Kit contains two 9-pin Micro-D to Standard-D serial port adapters and one 25-pin Micro-D to Standard-D parallel port adapter. Individual connector adapters: 360-010050-000 Micro-DB9 to DB9 and 360-010051-000 Micro-DB25 to DB25. **These adapters and accessory kit are sold separately.**

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