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About this capture



## VMEbus Single-Board Computers

### VMIVME-7740
### Intel Pentium III Socket 370 Processor-Based VMEbus CPU

- Intel® Pentium® III PGA370 socket-based CPU with operating system support for Windows NT®, Windows® CE, Windows 98 Second Edition, Linux, VxWorks, QNX, Solaris, and LynxOS
- Special features for embedded
  - Up to 192 Mbyte IDE CompactFlash (optional)
  - Three programmable 16-bit timers
  - 32 Kbyte of Non-Volative SRAM
  - Remote Ethernet booting supported
  - Software-selectable watchdog timer with reset
  - Supports VMEbus P2 connection to HD/floppy drive
  - PMC expansion site with VMEbus P2 I/O
  - VME64 modes supported: A32/A24/D32/D16/D08(EO)/MBLT64/BLT32
  - VMEbus interrupt handler, interrupter, and system controller
  - Includes byte-swapping hardware for little-endian and big-endian data interfacing
  - Enhanced bus error handling
  - Passive heat sink design (no moving parts)

- Standard features include
  - PGA370 socket processor
  - Up to 512 Mbyte SDRAM using one 144-pin SODIMM
  - 64-bit C&T; AGP SVGA controller with 4 Mbyte SDRAM
  - Two on-board Fast Ethernet controllers supporting 10BaseT and 100BaseTX interfaces
  - Front panel universal serial bus (USB) connection
  - On-board Ultra-DMA-33 hard drive and floppy drive controllers with VMEbus P2 I/O
  - Two high-performance 16550-compatible serial ports
  - PS/2-style keyboard and mouse port on front panel
  - Real-time clock and miniature speaker included

**VMIVME-7740**




**Operating System Windows NT Windows CE**

Driver Software
IOWorks Access
(VMISFT-9420)
CPU Software Support Products

**Operating System VxWorks**

Driver Software
VxWorks BSP
(VMISFT-7418)
CPU Software Support Products

**Operating System Linux**

Free Downloads Here!

**Operating System Solaris**

Driver Software
Solaris
(VMISFT-7416)

**Operating System QNX**

Driver Software
QNX BSP

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LynxOS
Driver Software
Lynx
(VMISFT-7419)
CPU Software Support Products

For CPU Accessories, see
CPU Accessories

View Specifications
(in PDF file format)

| Ordering Options | | A | B | C | - | D | E | F |
|---|---|---|---|---|---|---|---|---|
| VMIVME-7740 | - | | | | - | | | |

**A = Processor**
- 0 = Not Used
- 1 = Reserved
- 2 = Reserved
- 3 = 600 MHz Pentium III PGA370 Socket Processor
- 4 = Reserved
- 5 = 700 MHz Pentium III PGA370 Socket Processor
- 6 = Reserved
- 7 = Reserved
- 8 = 850 MHz Pentium III PGA370 Socket Processor

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

**C = Compact Flash Drive**
- 0 = No Flash
- 1 = Reserved
- 2 = Reserved
- 3 = Reserved
- 4 = Reserved
- 5 = 64 Mbyte
- 6 = 96 Mbyte
- 7 = 128 Mbyte
- 8 = 160 Mbyte
- 9 = 192 Mbyte

For Ordering Information, Call **1-800-322-3616**

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