

Motorola - Kontron 6U VME Board Comparison Chart



6U, 68k based: MVME162, MVME172

	Product	Processor	VMEbus	VME Interface	Memory	LAN	Serial	Mezzanine	OS support
Motorola	MVME162	MC68040 @ 25/33MHz	A32/D64	VIC068	32MB SDRAM 128kB SRAM w. battery backup 1MB Flash 2MB EPROM NVRAM (RTC)	one Ethernet	4 asynchronous serial ports	two sockets for IP modules	LynxOS pSOS+ OS-9 VRTX32 VxWorks
Kontron	VM162	MC68040 @ 33MHz, MC68360 @ 33 MHz	A32/D32	Programmable logic	64MB DRAM 4MB Flash 1MB SRAM w. data retention 2kBit EEPROM 2 ROM sockets	one Ethernet 10BT or 10B5	4 configurable asynchronous serial ports (5 without Ethernet)	two sockets for IP modules, CXC interface for I/O extensions	OS-9 VxWorks
Motorola	MVME172	MC86060 @ 60MHz	A32/D64	VIC068	32MB SDRAM 128kB SRAM w. battery backup 1MB Flash 2MB EPROM NVRAM (RTC)	one Ethernet	4 asynchronous serial ports	two sockets for IP modules	pSOS+ OS-9 VRTX32 VxWorks
Kontron	VM172	MC86060 @ 50MHz, MC68360 @ 25 MHz	A32/D32	Programmable logic	64MB DRAM 4MB Flash 1MB SRAM w. data retention 2kBit EEPROM 2 ROM sockets	one Ethernet 10BT or 10B5	4 configurable asynchronous serial ports (5 without Ethernet)	two sockets for IP modules, CXC interface for I/O extensions	OS-9 VxWorks

All listed Kontron boards will be available lead-free (RoHS compliant)

