

Rugged Portable VME Workstations

- 6 or 8 Slot Portable VME Chassis
- Open Platform - Use any VME CPU
- Ideal for UNIX, VxWorks, NT, HP-UX and other workstations
- Fixed & Hot-Swap Removable Drives
- Rugged, Compact & Portable
- Designed to meet MIL-STD-810E



6-slot Rugged Portable Workstation



6-slot swing-out VME card cage



Flexible rear I/O panel space

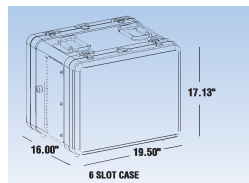
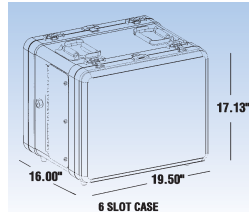


Fixed and/or removable peripherals

Macrolink's Rugged VME Workstations are the ideal solution for field deployment. Our open platform hardware allows virtually any VMEbus CPU -- Alpha, HP, PowerPC, SPARC, Pentium -- to be installed for immediate compatibility with your existing applications. An Industry standard 6U VME card rack allows future growth through rapid upgrades to the next generation of processors as soon as they are available.

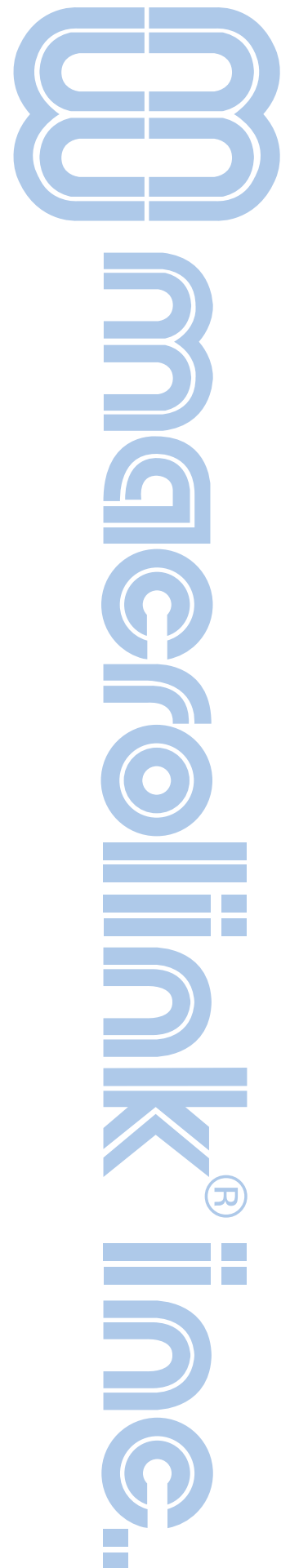
Removable shock-isolated disks, up to 73GB each, can be installed in the Workstation. Macrolink's patented SCSI Disconnect™ technology brings you true hot swap drive removal for your secure and rugged needs. These modules are conservatively rated at 100,000+ insertion/removal cycles. One to four fixed devices can also be installed, depending on the chassis/peripheral configuration.

Our TFT LCD displays offer up to 1280 x 1024 resolution with exceptional wide-angle viewing and have outstanding resolution and image fidelity for the most demanding graphic applications. Standard RGB analog connections assures compatibility with a wide range of embedded CPU and stand-alone display controllers.



The lightweight alloy case is welded for maximum strength, and all operator access is fully protected against the environment with integral gaskets and compression seals. An environmentally sealed keyboard and cursor control unit offers protection from adverse user conditions. A forced air cooling system that protects the CPU, disks and power supply also includes over-temperature shutdown as a standard feature.

Compact, weather-tight assembly



Specifications

	6-Slot Configuration	8-Slot Configuration
Backplane:	VME J1/J2, VME64X J1/J2 or VME64X J1/J2/JO Monolithic backplane design with auto-bus grant standard	
CPU Support:	Any 6U x 160mm VMEbus Processor Card	
Graphics:	Standard RGB interface to CPU's internal, or, VMEbus external graphics controller	
Display Options:	<ul style="list-style-type: none"> • 13" diagonal, 1280 x 1024 TFT LCD, 24-bit color • 14" diagonal, 1024 x 768 TFT LCD, 24-bit color • 15.4" diagonal 1280 x 1024 TFT LCD, 24-bit color 	<ul style="list-style-type: none"> • 14" diagonal, 1024 x 768 TFT LCD, 24-bit color • 15.4" diagonal, 1280 x 1024, TFT LCD, 24-bit color • 18.1" diagonal 1280 x 1024 TFT LCD, 24-bit color
Peripheral Support Options:	<ul style="list-style-type: none"> • 2 hot-swap removable • 1 hot-swap removable/1 fixed • 1 or 2 fixed 	<ul style="list-style-type: none"> • 2 hot-swap removable • 2 hot-swap removable & 1 to 2 fixed • 1 to 4 fixed
Man-Machine Interface Options:	<ul style="list-style-type: none"> • Sealed keyboard with 3-button track ball • Sealed keyboard with 3-button HulaPoint • Sealed keyboard with soft-touch, semiconductor touchpad • Sun Type 5 or PS/2 	
Power Supply:	Heavy-duty 350 watt auto-ranging with .99PFC	Heavy-duty 500 watt auto-ranging with .99PFC
Input Power:	90 - 264VAC; 47 - 400Hz	
I/O Panel Space:	<ul style="list-style-type: none"> • 10.25" x 6.30" (260mm x 160mm) • Shipped with 8 6U x 4HP blank panels • Custom I/O panels available 	<ul style="list-style-type: none"> • 10.25" x 8.66" (260mm x 220mm) • Shipped with 11 6U x 4HP blank panels • Custom I/O panels available
Construction:	Heavy-duty, metal alloy construction Internal gaskets & compression seals on all operator access sites	
Cooling:	Filtered, forced-air	
Over Temperature Shutdown:	122°F (50°C) ambient	
Dimensions:	15.50"H x 19.00"W x 15.50"D (394mm x 483mm x 394mm)	20.00"H x 20.00"W x 20.00"D (508mm x 508mm x 508mm)
Weight:	Approx. 58lbs (26.3kg) empty	Approx. 65lbs (29.5kg) empty
Environmental Capabilities	Operating	Non-Operating
Temperature:	0°C to 45°C -20°C to 45°C w/optional heater	-25°C to 60°C
Humidity:	0% to 95% non-condensing	
Altitude:	MIL-STD-810E; 10,000 ft.	MIL-STD-810E; 40,000 ft.
Shock:	Designed to meet MIL-STD-810E	
Vibration:	Designed to meet MIL-STD-810E	
Weather:	Drip proof	Splash proof
Sand/Dust:	Removable air filters	Completely sealed
Noise:	<45 dB (A)	- N/A -



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