

Python Open Platform Workstation

- Open Platform - Use any VME CPU
- Ideal for Solaris, VxWorks, NT, HP-UX and other workstation applications
- High Quality Displays
- Fixed & Removable Drives
- AC/DC Input Power Support
- Rugged, Compact & Portable
- Designed to meet MIL-STD-810E



4-Slot open platform VMEbus



Removable SCSI disk drives



Compact rugged alloy case

The Macrolink Python is tough! It's a full-featured tactical workstation that meets the most demanding requirements. Rugged enough to function in any environment and easily transportable, it is resistant to weather, shock, and vibration.

The compact Python is a versatile workstation that is easily deployable. It features a 2-slot 6U VME64/VME64X card cage, large LCD and dual peripherals. A 4-slot version features a larger LCD and support for 4 peripherals for more demanding applications. One or two removable high-performance disk drives are supported in capacities up to 18GB.

A selection of Active Matrix, and TFT Liquid Crystal Displays provide superior imagery in up to 1280 x 1024 resolution. Optionally, an advanced anti-reflective coating provides excellent daylight readability.

The Python's open platform design hardware allows virtually any VMEbus CPU -- PowerPC, SPARC, Pentium, Alpha, PA-RISC -- to be installed for immediate compatibility with your existing applications. The industry standard VME card cage enables quick and easy migration to the next generation processors.

The Python gives you high performance for the advanced field support and tactical vision you need -- wherever you are.



2-Slot Python with 14" Display

Macrolink[®] iNo[™]

Specifications

	2-Slot Python	4-Slot Python Tall
Backplane:	VME64 J1/J2 or VME64X J1/J2 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 • Daylight readable option 	<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 • Daylight readable option
Peripheral Support Options:	<ul style="list-style-type: none"> • 1 removable disk drive • 1 3.5" fixed device • External, desktop peripheral unit with mounting & power for 1 or 2 devices and/or battery backup 	<ul style="list-style-type: none"> • 1 or 2 removable disk drives • 1 5.25" HH fixed device • 1 or 2 3.5" fixed devices
Man-Machine Interface/Options	<ul style="list-style-type: none"> • Sealed keyboard with dual speed, 3-button, semiconductor touchpad • Sun Type 5 or PS/2 	<ul style="list-style-type: none"> • Sealed keyboard with dual speed, 3-button, semiconductor touchpad • Sun Type 5 or PS/2 • External PS/2 mouse port
Input Power:	110/220VAC, 50/60Hz or 28VDC	
I/O Support:	<ul style="list-style-type: none"> • External shielded 50-pin HD auto-terminating SCSI connector • Shielded 17-pin power connector (for external battery/peripheral enclosure) • Other I/O as available on front panel of CPU or second VME Card 	<ul style="list-style-type: none"> • Shielded 50-pin HD auto-terminating SCSI connector • Other I/O as available on front panel of CPU or other VME Card(s)
Construction:	Heavy-duty alloy	
Cooling:	Filtered, forced-air with cleanable/replaceable filters	
Battery Backup:	External - up to 15 minutes	Internal - up to 15 minutes
Dimensions:	5.00"H x 17.50"W x 15.50"D (127mm x 438mm x 393mm)	6.75"H x 17.50"W x 15.50"D (171mm x 438mm x 393mm)
Weight:	Approx. 27lbs (12.3kg) empty	Approx. 34lbs (15.4kg) 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:	-1,000 ft. to +10,000 ft. (-305meters to +3,048meters)	-1,000 ft. to +40,000 ft. (-305 meters to +12,210 meters)
Shock:	Designed to meet MIL-STD-810E	
Vibration:	Designed to meet MIL-STD-810E	
Weather:	Drip proof	
Sand/Dust:	Removable air filters	Completely sealed when stowed in transit case or tote bag
Noise:	<45 dB (A)	- N/A -



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