

Military Grade / Rugged 9U Rack Mount LCD 19" (RMP919)

Features

- **19" LCD Monitor**
- **1280 x 1024 resolution**
- **0.294 mm pixel pitch**
- **250 nits brightness**
- **500:1 contrast ratio**
- **Tested to Mil-Std Environments**
 - **Operational shock - 30g 11ms 1/2 sine**
 - **Vibration**
 - **Thermal**
 - **Humidity**



Display Specifications

Viewable image size	19"
Aspect ratio	5:4
Native resolution	1280 x 1024
Dot pitch	0.29mm
Resolution compatibility (scaled)	640x480, 720x400, 800x600, 832x624, 1024x768, 1152x864, & 1280x1024 @60Hz
Screen type	Thin film transistor active matrix liquid crystal display
Image controls	Front-mounted buttons navigate on-screen display controls for brightness, contrast, color settings, screen position, language, and input selection
Viewing angle	176° vertical and horizontal
Contract Ratio	500:1
Brightness	350 to 800 nits
White balance	Presets for 9300K and 6300K
Connectivity Input compatibility	Analog VGA, DVI (5 BNC opn)
Horizontal scan range	30 kHz to 80 kHz
Vertical scan range	56 to 75 Hz

Physical and Power

Line Voltage	100 to 240 VAC
Frequency	50 to 60 Hz, single phase
Power	40W maximum operating 2W in power-saving mode
Size	19"W x 15.7"H (9U) x 4"D (approximate)
Weight	18 lb. (approximate)
Mounting options	Rack, Panel, Desktop, Custom

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Environmental

Operating temperature range	0 to 50°C
Operating humidity range	5% to 95% relative
Humidity	Non condensing
Drip proof front panel	MIL-STD 810E
Sand and dust front panel	MIL-STD 810E
Non operating	-55 to 70 °C
Shock operating	20g 11ms 1/2 sine wave
Shock non-operating	30g 11ms 1/2 sine wave
Vibration operating	Non-operating: Two hours each axis (x,y,z)10 TO 100 Hz at Power Spectral Density of 0.02 g ² /Hz100 to 500 Hz at PSD of 0.005 g ² /Hz Operating: Two hours each axis (x,y,z)10 to 500 Hz at PSD of 0.0005 g ² /HzShape -Random sinusoidal
EMI/EMC	FCC Class B
Polycarbonate protective screen w/ transfective coating	Yes

Agency Approvals

UL, CSA, TUV-GS, SEMKO, NEMKO, DEMKO, FIMKO, FCC CLASS B,CE, TCO95, TCO99,ISO9241-3, NUTEK, EPA, KOREA, VCCI-2, C-TICK, GOST

System Compatibility

Silicon Graphics® 230, Silicon Graphics® 330,Silicon Graphics® 550 and Silicon Graphics® Zx10TM workstations. Silicon Graphics® O2®, Silicon Graphics® Octane®, and Silicon Graphics® Octane2TM visual workstations. Silicon Graphics® 750 system. Silicon Graphics® Onyx2®, SGI® Onyx 3000 series systems. Any Windows® 98/2000/XP, Windows NT®, or Linux® system with VGA or DVI video output. Apple® Macintosh® OS 8.0 and above with VGA, DVI, or ADC (with optional to DVI converter)connector, and Sun® Solaris TM system with VGA connector.

Options

28 VDC Power
Full range dimming
Capacitive Touch Screen
Night Vision Filter
Low Temp –preheat
Mil-S-901D Lightweight Grade A
Mil-Std 461D EMI



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