



4419R4C-PC

19" MILITARY WORKSTATION

FEATURES:

- LED Backlight
- Wide Dimming Range and Viewing Angle
- High Resolution 1280 x 1024
- Anti-Reflective Protective Viewing Window

SPECIFICATIONS:

Active Display Area:	376.32 x 301.056 mm (14.816" x 11.853")
Pixel Pitch:	0.294 x 0.294 mm
Brightness:	700 cd/m ² (Typical @100%) LED Backlights Dimmable to .001 cd/m ² Sunlight Readable: at 6,000 FC; Contrast Ratio 6:1
Viewing Angle:	± 89° All Directions
Contrast Ratio:	1600:1 (Typical)
Response Time:	20 ms (Typical)
Display Colors:	16 million
Native Resolution:	1280 x 1024
User Controls:	Power, Contrast
Processor:	3.3 GHz Intel i7 Quad Core 4th generation Haswell with 8 MB Cache memory (i5 and i3 processors also available)
System Chipset:	Intel Q87 Chipset
Memory:	Up to 16GB of Dual Channel DDR3 memory
Storage:	Up to 1TB removable SSD with SATA III Transfer speed Removable Compact Flash slot
I/O Ports:	<ul style="list-style-type: none"> ▪ PS/2 Keyboard and Mouse ports with DSub9 male connector ▪ Two USB 3.0 type "A" ports (backwards compatible with USB 2.0 and 1.1) ▪ One RS-232 Serial port with DSub9 female connector ▪ Gigabit Copper Ethernet port with MIL Circular connector ▪ Gigabit Single Mode Fiber Ethernet port with MIL Circular connector

- Internal Mini PCIe (Can be configured for mSATA device)
- DVI-D output for Secondary Display
- Front mounted audio speakers

Temperature: **Operating:** 0 °C to 50 °C, MIL-STD-810F Method 501.4/502.4, Procedure II **Storage:** -25 °C to +65 °C, MIL-STD-810F, Method 501.4/502.4, Procedure I

Humidity: **Operating/Storage:** 5 to 95% RH Non-condensing MIL-STD-810F, Method 507.4 Procedure I

Altitude: **Operating:** 0 to 10,000 ft. above sea level **Storage:** 0 to 54,000 ft. above sea level MIL-STD 810F, Method 500.3

Shock: MIL-S-901D, Grade A, Class 1 Type A

Vibration: MIL-STD-167-1A, Type 1

Drip: MIL-STD-810F, Method 506.4 Procedure III, Front Panel only

Fungus: MIL-STD-810F, Method 508.5

EMI: MIL-STD-461E, CE101, CE102, RE101, RE102, CS101, CS114, CS116, RS101, RS103

Power: **Voltage:** 120 VAC
Power: 105 Watts (Typical) 60Hz ± 3%
Chassis Connector: MS3102R10SL-3P
Cable Connector: MS3106R10SL-3S (Not Supplied)

Dimensions: 19"W x 15.75"H x 6.23"DP (excluding connectors)

Weight: 30 lbs