MODEL 8819SD

19" RUGGED COTS SMART DISPLAY FOR DEFENSE APPLICATIONS

FEATURES:

- Sealed, Fanless Design
- High Brightness LED Backlight
- Resistive Touch
- Full Dimming Range
- AR Window
- Integrated PC Supporting Windows or Linux

OPTIONS:

- 28 VDC
- Fiber Ethernet

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Display Type:	19" TFT Active Matrix LCD	**Designed To Meet:**	
Active Display Area:	15.02" x 12.135"	**Temperature:**	Operating: 0°C to 50°C, MIL-STD-810G Method 501/502, Procedure II
Pixel Pitch:	0.294 x 0.294 mm		Storage: -20°C to +60°C, MIL-STD-810G Method 501/502, Procedure I
Brightness:	Standard: 550cd/m^2 400 cd/m^2 (with touch)		
Viewing Angle:	±80° All directions	**Humidity:**	Operating: 5 to 95% RH Non- condensing MIL-STD-810G, Method 507 Procedure I
Contrast Ratio:	1000:1		
Response Time:	25 ms (Typical)	**Altitude:**	Operating: Up to 42,000 ft. above sea level
Display Colors:	16 Million		Storage: Up to 54,000 ft. above sea level MIL-STD-810G, Method 500
Native Resolution:	1280 x 1024		
Processor:	i7-8800H 2.6 (4.3) GHZ STD Customizable with Type 6 Com Express Processor Modules	**Shock:**	MIL-S-901D Grade A Class I Type A
		Vibration:	MIL-STD-167-1A Type I
Memory:	32GB of Dual Channel DDR4 memory	**Drip:**	IP 65 Rating MIL-STD-810G, Method 506.5, Procedure III
Storage:	1TB removable SSD with SATA III Transfer speed	**Sand/Dust:**	MIL-STD-810G, Method 510.5, Procedure I & III
I/O Ports:	(2) USB-standard type A non-MIL (backwards compatable with 2.0 + 1.1) (1) USB-A MIL Type (2) GB Ethernet (copper/copper)	**EMI:**	MIL-STD-461F, CE101, CE102, RE101, RE102, CS101, CS114, CS116, RS101
OS Support:	Windows Compatible, Linux	**Power:**	Supply: 80-275 VAC, Auto Ranging Frequency: 47-63 Hz Power: 105 Watts (Typical) Chassis Connector: MS3476L8-33S (DC) or MS3102R10SL-3P (AC) Cable Connector: MS3476L8-33S (DC) or MS3106R10SL-3S (AC)
Display Controls:	Soft Power, Brightness		
		Dimensions:	18.97"W x 15.72"H x 4.34" DP
		Weight:	31 lbs