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VND-1902-TC

RUGGED 19" Naval Display with Thin Client

FEATURES

- 19" Color LCD
- Wide Viewing Angle
- Sealed, Fanless Design
- Anti-Reflective Protective Window
- Designed for Shipboard Use
- Designed and Built to MIL-DTL-901E, MIL-STD-167-1A, MIL-STD-810G, MIL-STD-461F
- Immune to DC Magnetic Field, SECT 70 - DOD-STD-1399



SPECIFICATIONS

Display Type	19" Color TFT Active Matrix LCD
Native Resolution	1280 x 1024
Viewing Angle	+/- 80° All Directons
Display Colors	16.7 Million (8 bits)
Active Area	376.32(H) x 301.056(V) mm 14.816(H) x 11.853(V) inches
Pixel Pitch	0.294(H) x 0.294(V) mm
Luminance	400 cd/m ² Typical w/ LED Backlights, Dims to Zero
Contrast Ratio	2000:1 Typical
Response Time	8 ms Typical
Front Controls	Brightness Pot, On/Off switch, power indicator

Integrated PC

Processor	3.9 GHZ Intel i3 Dual-Core 7th Generation Kaby Lake with 3 MB Cache memory
Chipset	Intel H110
Memory	8 GB Dual Channel DDR4
Storage	128 GB removable SSD with SATA III speed
I/O Ports	One Copper Gigabit Ethernet port with Circular MIL connector, M28840/12AB1P1 Two USB 3.0 or 2.0 Type A ports Two daisy chained network interface ports, BJ80 or equivalent w- termination switch
OS Support	W7 32/64 bit, W8.1 32/64 bit, W10 64 bit, Linux Fedora, Other Linux
Features	TPM, DIO, Battery Backup, fuse on rear

ENVIRONMENTAL

Temperature	Operating: 0°C to 50°C MIL-STD-810G, Method 502/501 Proc II Storage: -25°C to 70°C MIL-STD-810G, Method 502/501 Proc I
Humidity	Operating/Storage: 5% to 95% RH Non-condensing MIL-STD-810G, Method 507
Altitude	Operating: 0 to 10,000 ft ASL Storage: 0 to 45,000 ft ASL MIL-STD-810G, Method 500
Shock	MIL-DTL-901E, Grade B, Class I, Type A
Vibration	MIL-STD-167-1A, Type I (5-25 Hz)
Drip Proof	MIL-STD-810G, Method 506 Proc II All Over
Fungus	MIL-STD-810G, Method 508
EMI	MIL-STD-461F, CE102, RE101, RE102, CS101, CS114, CS116, RS101, RS103
Power	Voltage: 115 VAC +/- 10% Power: 105 Watts Typical 60Hz +/-5% Chassis Connector: MS3452W20-4P or equivalent Mate: MS3456W20-4S or equiv. (not supplied)
Physicals	Height: 15.72 inches (12.625 chassis) Width: 19.00 inches (14.25 chassis) Depth: 3.25 inches (behind mtg surface) Weight: 30 pounds
Mounting	Rack/Console
Options	Keyboard/Trackball AG (Anti-Glare) coating Touch Panel I/O Connectors

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