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VND-1901-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



SPECIFICATIONS

Display Type	19" Color TFT Active Matrix LCD
Native Resolution	1280 x 1024
Viewing Angle	+/- 80° All Directons
Display Colors	16.7 Million
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	750 cd/m ² Typical w/ LED Backlights, Dims to Zero
Contrast Ratio	2000 :1 Typical
Response Time	28 ms Typical
Front Controls	Brightness, Power (Soft)

Integrated PC

Processor	3.4 GHZ Intel i7 Quad-Core 7th Generation Kaby lake with 8 MB Cache memory (i5 and i3 processors also available)
Chipset	Intel H110
Memory	Up to 32 GB Dual Channel DDR4
Storage	Up to 1 TB removable SSD with SATA III speed Removable Compact Flash slot
I/O Ports	One Fiber Gigabit Ethernet port with Circular MIL connector One Copper Gigabit Ethernet port with Circular MIL connector Two USB 3.0 or 2.0 Type A ports One RS-232/422/485 Serial port with DSub9 female connector One PS/2 for Legacy Kybd/Mouse/Trkball ports with DSub9 male connector One DVI-D output for secondary display
OS Support	W7 32/64 bit, W8.1 32/64 bit, W10 64 bit, Linux Fedora
Features	TPM, DIO, Battery Backup, Sunlight Readable

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 A, Class I, Type A
Vibration	MIL-STD-167-1A, Type I (4-25Hz)
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 Power: 105 Watts Typical 60Hz +/-3% Chassis Connector: D/MS3102R-10SL-3P or equivalent Mate: MS3106R10SL-3P or equiv. (not supplied) Power: ON/OFF on rear of unit
Physicals	Height: 15.72 inches Width: 19.00 inches (17.72 chassis) Depth: 3.25 inches Weight: 30 pounds
Mounting	Rack/Console/VESA
Options	Keyboard/Trackball AG (Anti-Glare) coating Touch Panel I/O Connectors