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# VND-1902-TC

RUGGED 19" Naval Display with Thin Client



## SPECIFICATIONS

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

### Integrated PC

<b>Processor</b>	3.9 GHZ Intel i3 Dual-Core 7th Generation Kaby Lake with 3 MB Cache memory
<b>Chipset</b>	Intel H110
<b>Memory</b>	8 GB Dual Channel DDR4
<b>Storage</b>	128 GB removable SSD with SATA III speed
<b>I/O Ports</b>	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
<b>OS Support</b>	W7 32/64 bit, W8.1 32/64 bit, W10 64 bit, Linux Fedora, Other Linux
<b>Features</b>	TPM, DIO, Battery Backup, fuse on rear

## ENVIRONMENTAL

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

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