

W24IT3S-MLS1-89

24" Intel® Core™ i5-1135G7 Defence Console Rack Panel PC



KEY FEATURES

- 24" 1920 x 1200 High Resolution TFT LCD
- Intel® Core™ i5-1135G7 2.4 GHz (turbo to 4.2GHz) Processor
- AC 110~240 V Power input default
- Compliant with MIL-STD-810F/G
- Flush Rack / Rack Mount Mechanical Design (9U)
- Convenient On-Screen Display Controls
- Anti-Corrosion Housing / Fanless
- Isolation DC 9~36 V Power input (Optional)
- Built-in light Sensor for auto brightness control
- Defence Grade Power & Signal Connector (MILDTL38999/1 & 38999/3)



SPECIFICATIONS

Display

Resolution	1920x1200	Size	24 inches
Contrast Ratio	1000:1	Panel Brightness	300 nits
View Angles	89,89,89,89	Active Area	518.4x324.0 mm
Touch / Glass	AR Protection Glass EMI ITO Glass (Optional) 5-wire Resistive Touch (Optional) 5-wire Resistive Touch with EMI Mesh Filter (Optional)		

System Specification

Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz) Intel Core i5-1145G7 2.6GHz (up to 4.4GHz) (Optional)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB(for NVMe) (Optional) 2TB(for NVMe) (Optional) 4TB(for NVMe) (Optional) 1 x SATA III , up to 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)

Environment

Operating Humidity	10% to 95% RH	Operating Temperature	0~50°C
Storage Temperature	-10°C~60°C		

Compliance

MIL-STD 461E/F	RE101 / RE102 CE101 / CE102 with EMI Glass / Touch(Optional)	MIL-STD 810F/G	Vibration Method 514.5 Humidity Method 507.4 Transit Drop Method516.5
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RS101 / RS 103
 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS
 116

Certification

Certification CE, FCC
 MILSTD 461F, MILSTD 810G

IO Ports

USB Port	1 x USB 2.0 A Type (MIL-DTL-38999/3)	Serial Port	2 x RS232 (MILDTL38999/3)
LAN	1 x LAN (MIL-DTL-38999/3)		

Mechanical

Dimension	609.5 x 399.3 x 76.2 mm	Mounting	VESA Mount/ Rack Mount
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design

Accessory

Accessory User Manual (Hardcopy)
 CD-ROM with Driver Utility
 Power Cord MIL-DTL-38999/1
 RS232 Cable MILDTL38999/3

Power

Power Rating AC 100~240V, Universal, ±10%
 DC 9~36V, ±10% (Optional)

Control

Button 8 Key OSD Control Pad:
 Power, Brightness DOWN, Brightness UP,
 Night, Day, Auto / Manual, Reset, Lock

DIMENSIONS UNIT:MM

