

R17IT3S-MLA1-89

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



KEY FEATURES

- 17" SXGA TFT LCD, Defence Console Rack Panel PC
- Intel® Core™ i5-1135G7 2.4 GHz (turbo to 4.2GHz) Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F
- Flush Rack / Rack Mount Mechanical Design (8U)
- Convenient On-Screen Display Controls
- AC 110~240 V Power input default
- 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	1280x1024	Size	17 inches
Contrast Ratio	1000:1	Panel Brightness	350 nits
View Angles	85,85,80,80	Active Area	337.920x270.336 mm
Touch / Glass	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (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	-20°C~60°C
Storage Temperature	-30°C~70°C		
Compliance			
MIL-STD 461E/F	RE101 / RE102 CE101 / CE102 with EMI Glass / Touch(Optional) RS101 / RS 103	MIL-STD 810F/G	Vibration Method 514.5 Humidity Method 507.4 Transit Drop Method516.5

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	482 x 354 x 80 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

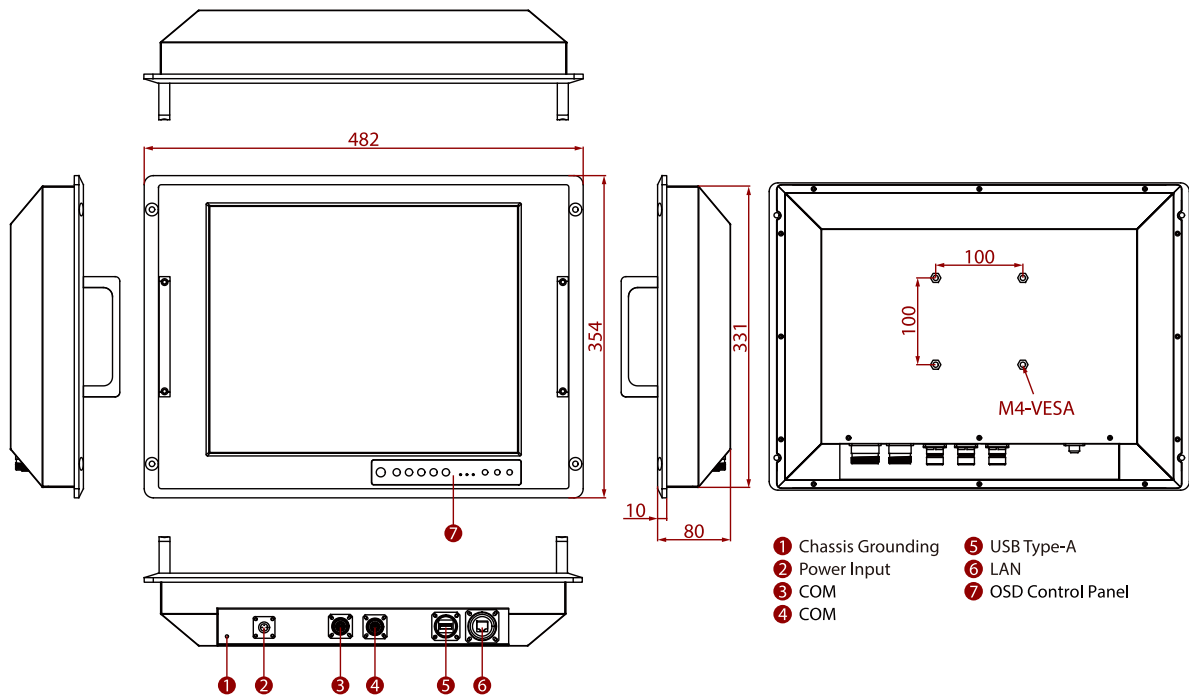
Power

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



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660