R17IT3S-MLA1-89

17" Intel® Core i7-1165G7 Defence Console Rack Panel PC

KEY FEATURES

- 17" SXGA TFT LCD, Defence Console Rack Panel PC
- Intel® Core i7-1165G7 2.8GHz (up to 4.7GHz) Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G
- 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**	17.0 inches
Contrast Ratio	1000:1	**Panel Brightness**	350.0 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 i7-1165G7 2.8GHz (up to 4.7GHz)	**Memory**	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 M-Key 2280 NVMe SSD, 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional)	**Ethernet controller**	2 x Intel® Ethernet Controller
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Windows 11 IoT Enterprise SAC (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/G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS	**MIL-STD 810G/H**	Vibration Method 514.6 Humidity Method 507.5 Transit Drop Method516.6

	116		

Certification

Certification	CE, FCC		

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

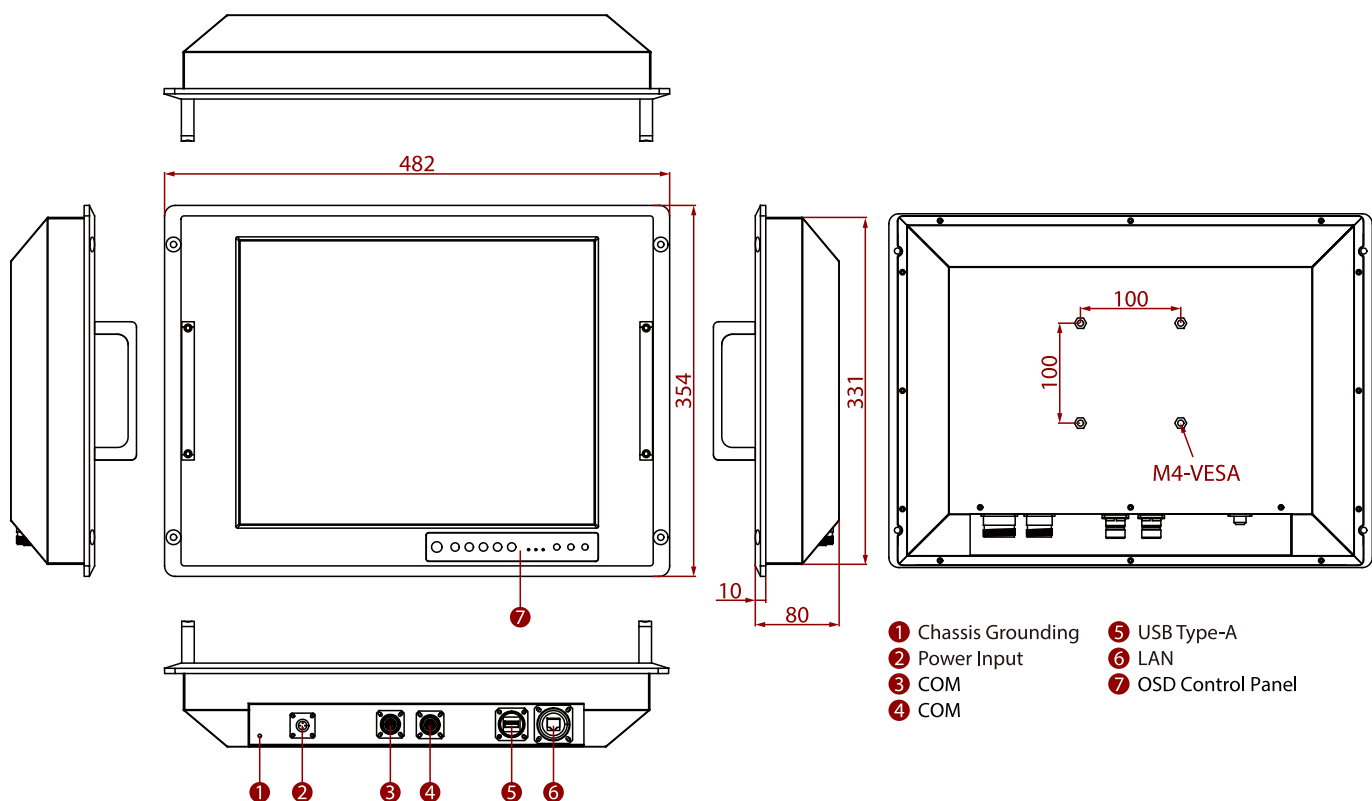| Dimension	482 x 354 x 80 mm	Mounting	VESA Mount/ Rack Mount
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design

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

482

354

331

10

80

100

100

M4-VESA

❶ Chassis Grounding   ❺ USB Type-A
❷ Power Input   ❻ LAN
❸ COM   ❼ OSD Control Panel
❹ COM

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.