

R19IT3S-MLA3-89

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



KEY FEATURES

- 19" SXGA TFT LCD
- 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 (9U)
- 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
Contrast Ratio	1000:1
View Angles	85,85,80,80
Touch / Glass	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)
Size	19.0 inches
Panel Brightness	350.0 nits
Active Area	376.32x301.06 mm
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

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 482.6 x 399.3 x 81.4 mm

Mounting VESA Mount/ Rack Mount

Enclosure Metal Housing with Aluminum Bezel

Cooling System Fanless Design

Accessory

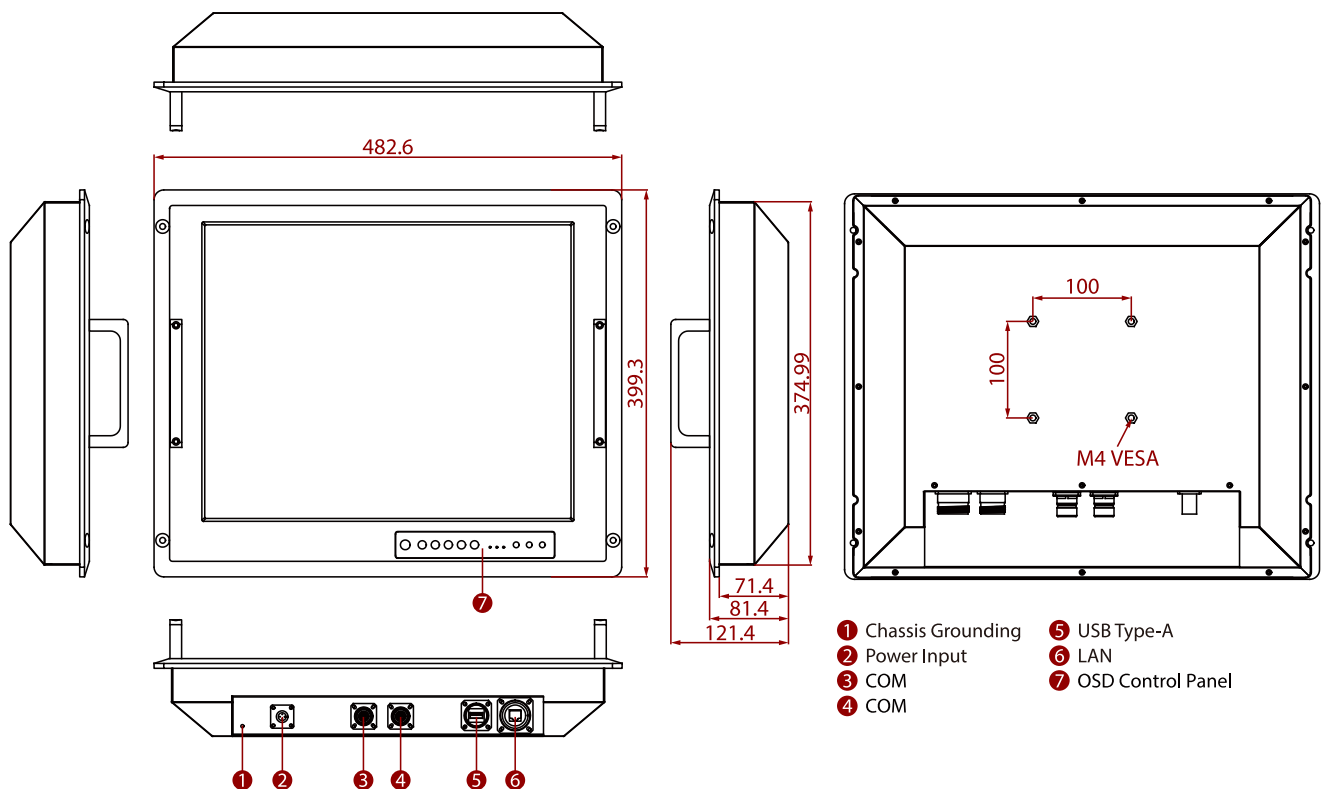
Accessory User Manual (Hardcopy)
CD-ROM with Driver Utility
Power Cord MIL-DTL-38999/1
RS232 Cable MILDTL38999/3

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.