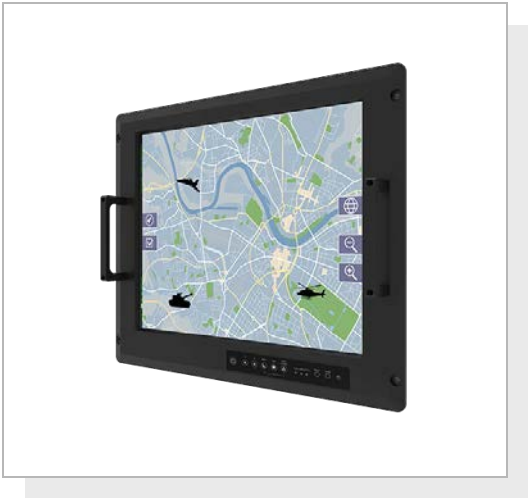


R19IT3S-MLA3-89

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	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 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

Certification

Certification CE, FCC

IO Ports

USB Port 1 x USB 2.0 A Type (MIL-DTL-38999/3)

Serial Port 2 x RS232 (MIL-DTL38999/3)

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 MIL-DTL38999/3

Power

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

Control

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

DIMENSIONS UNIT:MM