

R19IW3S-MLA3-89

19" Intel® Core™ i7- 8665UE Defence Console Rack Panel PC



KEY FEATURES

- 19" SXGA TFT LCD
- Intel® Core™ i7-8665UE Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F
- 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)

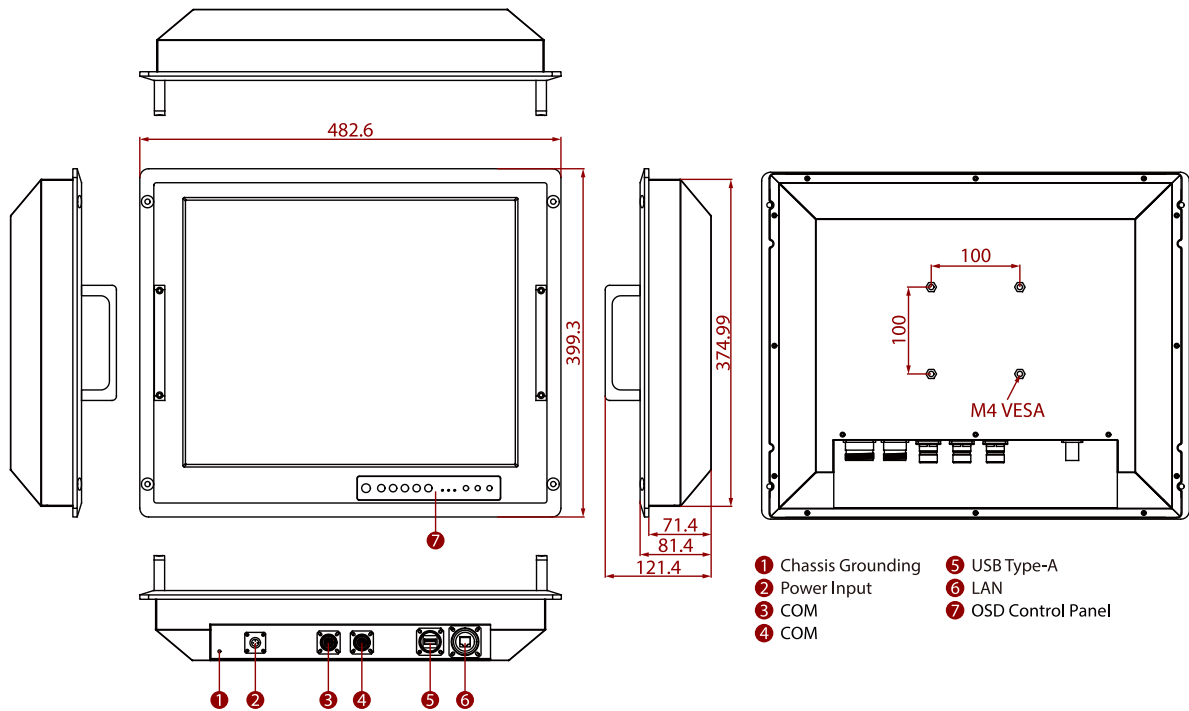


SPECIFICATIONS

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 i7-8665UE 1.7GHz (up to 4.4 GHz) Intel Core i5-8265U 1.6GHz (up to 3.9GHz) (Optional)	Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2242 B-key SSD 128GB 256GB (Optional) 512GB (Optional) 1 x SATA III for 2.5" SSD/HDD (Optional)	Ethernet controller	Intel® Ethernet Controller I210AT + Intel® Ethernet Connection I219LM
Operating System	Windows 10 IoT Enterprise (64 bit) (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 116	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)
LAN	1 x LAN (MIL-DTL-38999/3)
Serial Port	2 x RS232 (MIL-DTL-38999/3)
Mechanical	
Dimension	482.6 x 399.3 x 81.4 mm
Enclosure	Metal Housing with Aluminum Bezel
Mounting	VESA Mount/ Rack Mount
Cooling System	Fanless Design
Accessory	
Accessory	User Manual (Hardcopy) CD-ROM with Driver Utility Power Cord MIL-DTL-38999/1 RS232 Cable MIL-DTL-38999/3
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.

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