

W24IW3S-MLS1-89

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



KEY FEATURES

- 24" 1920 x 1200 High Resolution TFT LCD
- Intel® Core™ i7-8665UE Processor
- AC 110~240 V Power input default
- Compliant with MIL-STD-810F/G
- Flush Rack / Rack Mount Mechanical Design (9U)
- Convenient On-Screen Display Controls
- Anti-Corrosion Housing / Fanless
- 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	1920x1200	Size	24.0 inches
Contrast Ratio	1000:1	Panel Brightness	300.0 nits
View Angles	89,89,89,89	Active Area	518.4x324.0 mm
Touch / Glass	AR Protection Glass EMI ITO Glass (Optional) 5-wire Resistive Touch (Optional) 5-wire Resistive Touch with EMI Mesh Filter (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	0~50°C
Storage Temperature	-10°C~60°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)	Serial Port	2 x RS232 (MILDTL38999/3)
LAN	1 x LAN (MIL-DTL-38999/3)		

Mechanical

Dimension	609.5 x 399.3 x 76.2 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
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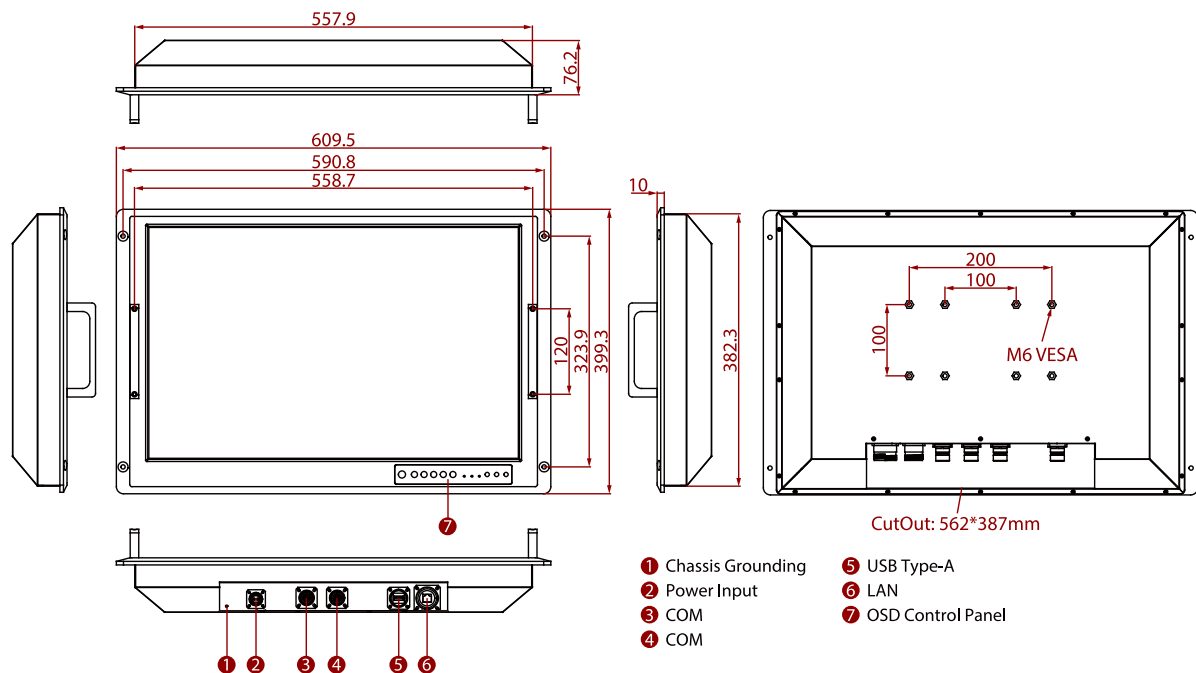
Power

Power Rating	AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional)
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Control

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

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