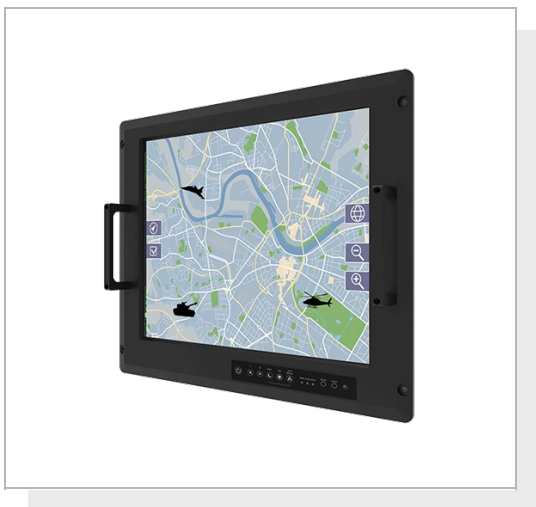


# R19IW3S-MLA3-89

## 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
- Military Grade Power & Signal Connector (MILDTL38999/1 & 38999/3)

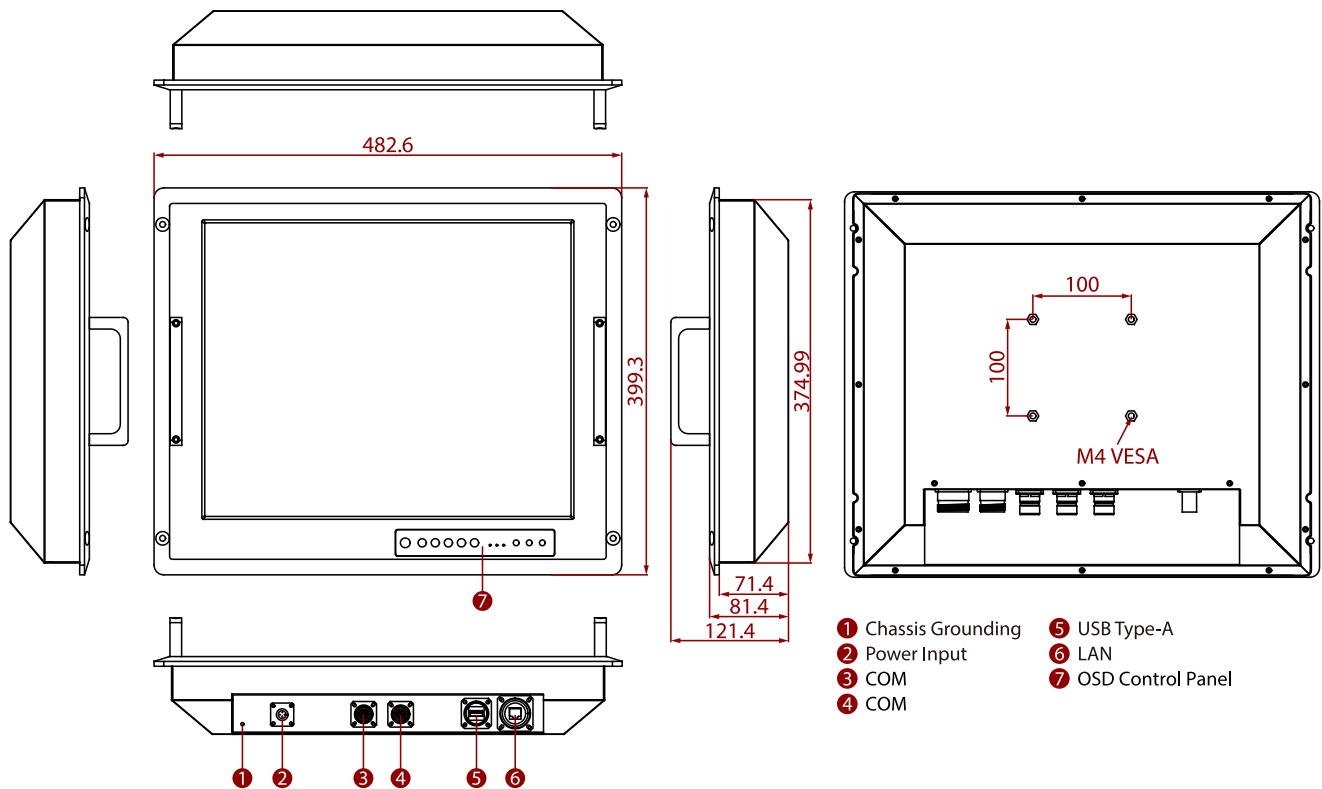


### SPECIFICATIONS

| Display                    |  |                              |  |
|----------------------------|--|------------------------------|--|
| <b>Resolution</b>          | 1280x1024  | <b>Size</b>                  | 19 inches  |
| <b>Contrast Ratio</b>      | 1000:1   | <b>Panel Brightness</b>      | 350 nits   |
| <b>View Angles</b>         | 85,85,80,80  | <b>Active Area</b>           | 376.32x301.06 mm   |
| <b>Touch / Glass</b>       | AR Protection Glass<br>5 Wires Resistive Touch (Optional)<br>5 Wire Resistive with EMI Mesh Filter (Optional)<br>EMI Glass (Optional)      |                              |  |
| System Specification       |  |                              |  |
| <b>Processor</b>           | Intel® Core™ i78665UE (8M Cache, 1.7GHz up to 4.4 GHz)<br>Intel® Core™ i5 8265U (6M Cache, 1.6GHz up to 3.9 GHz) (Optional)                | <b>Memory</b>                | 1 x SODIMM, DDR4 2400 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional) |
| <b>Storage</b>             | 1 x M.2 2242 Bkey SSD 128GB up to 512GB (Optional)<br>1 x SATA III for 2.5" HDD (Optional)   | <b>Ethernet controller</b>   | Intel® Ethernet Controller I210AT +<br>Intel® Ethernet Connection I219LM               |
| <b>Operating System</b>    | Windows 10 IoT Enterprise (Optional)   |                              |  |
| Environment                |  |                              |  |
| <b>Operating Humidity</b>  | 10% to 95% RH  | <b>Operating Temperature</b> | -20°C~60°C   |
| <b>Storage Temperature</b> | -30°C~70°C   |                              |  |
| Compliance                 |  |                              |  |
| <b>MIL-STD 461E/F</b>      | RE101 / RE102<br>CE101 / CE102<br>with EMI Glass / Touch(Optional)<br>RS101 / RS 103<br>CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116 | <b>MIL-STD 810F/G</b>        | Vibration Method 514.5<br>Humidity Method 507.4<br>Transit Drop Method 516.5           |
| Certification              |  |                              |  |
| <b>Certification</b>       | MILSTD 461F, MILSTD 810G, FCC, CE  |                              |  |
| IO Ports                   |  |                              |  |

|                     |   |                       |                           |
|---------------------|---|-----------------------|---------------------------|
| <b>USB Port</b>     | 1 x USB 2.0 A Type (MIL-DTL-38999/3)  | <b>Serial Port</b>    | 2 x RS232 (MILDTL38999/3) |
| <b>LAN</b>          | 1 x LAN (MIL-DTL-38999/3)   |                       |                           |
| <b>Mechanical</b>   |   |                       |                           |
| <b>Dimension</b>    | 482.6 x 399.3 x 81.4 mm   | <b>Mounting</b>       | VESA Mount/ Rack Mount    |
| <b>Enclosure</b>    | Metal Housing with Aluminum Bezel   | <b>Cooling System</b> | Fanless Design            |
| <b>Accessory</b>    |   |                       |                           |
| <b>Accessory</b>    | User Manual (Hardcopy)<br>CD-ROM with Driver Utility<br>Power Cord MIL-DTL-38999/1<br>RS232 Cable MILDTL38999/3 |                       |                           |
| <b>Power</b>        |   |                       |                           |
| <b>Power Rating</b> | AC 100~240V, Universal, ±10%<br>DC 9~36V, ±10% (Optional)   |                       |                           |
| <b>Control</b>      |   |                       |                           |
| <b>Button</b>       | 8 Key OSD Control Pad:<br>Power, Brightness DOWN, Brightness UP,<br>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.