

# W24IT3S-MRA1

## 24" Intel® Core™ i7-1165G7 Marine Panel PC



### KEY FEATURES

- Intel® Core™ i7-1165G7 processor marine panel PC
- Dimming knob control backlight brightness from nearly 0% to 100%
- 9~36V DC power input acceptable
- Panel (flush) mount IP66 aluminum housing with powder coating design

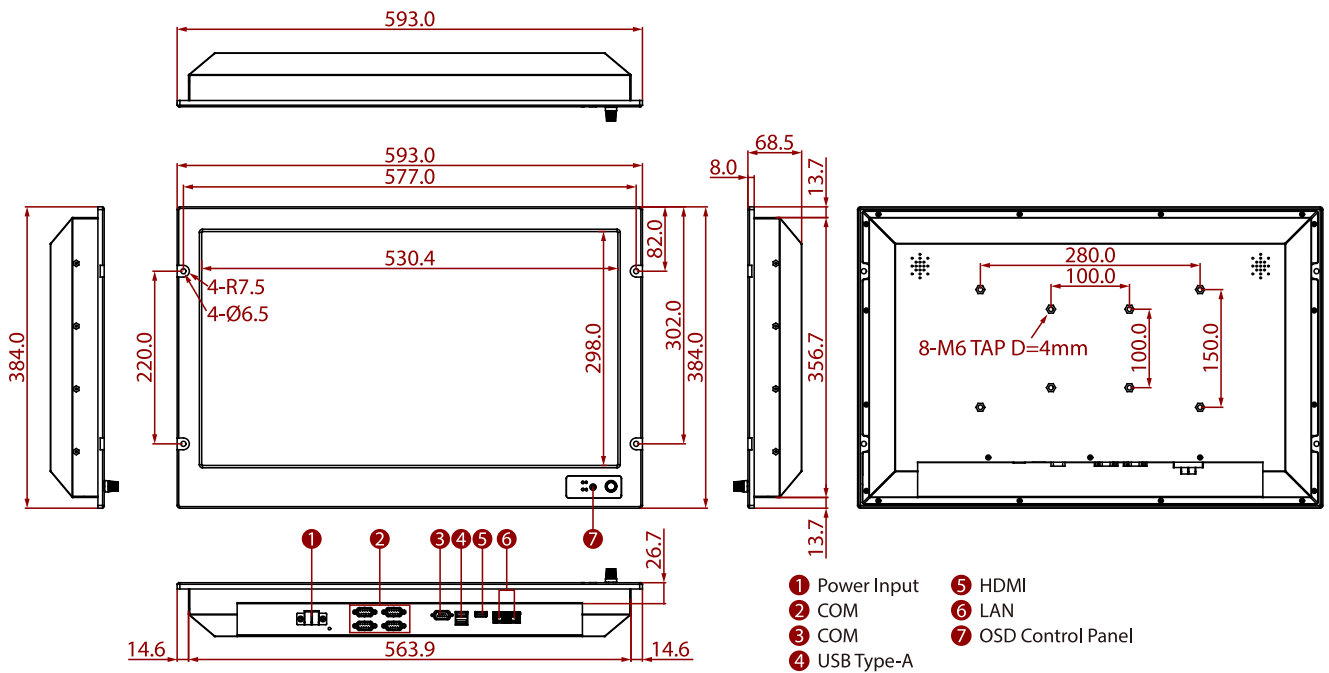


### SPECIFICATIONS

| Display               |   |
|-----------------------|---|
| Resolution            | 1920x1080   |
| Contrast Ratio        | 5000:1  |
| View Angles           | 89,89,89,89   |
| Touch / Glass         | Resistive Touch Screen<br>AR Glass (Optional)   |
| Size                  | 24.0 inches   |
| Panel Brightness      | 300.0 nits  |
| Active Area           | 531.36x298.89 mm  |
| System Specification  |   |
| Processor             | Intel Core i7-1165G7 2.8GHz (up to 4.7GHz)  |
| Memory                | 1 x SO-DIMM, DDR4 2400 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional)   |
| Storage               | 1 x M.2 M-Key 2280 NVMe SSD, 128GB<br>256GB (Optional)<br>512GB (Optional)<br>1TB (Optional)<br>2TB (Optional)<br>4TB (Optional)    |
| Ethernet controller   | 2 x Intel® Ethernet Controller  |
| Operating System      | Windows 10 IoT Enterprise (64 bit) (Optional)<br>Windows 11 IoT Enterprise SAC (64 bit) (Optional)<br>Linux Ubuntu 22.04 (Optional) |
| Environment           |   |
| Operating Humidity    | 5% to 95%   |
| Operating Temperature | -15~55°C  |
| Shock                 | 15G, 11ms duration  |
| Vibration             | 0.7g@DNVGL CG-0339 (Class A)  |
| IP rating             | IP66 (Front Side)   |
| Certification         |   |
| Certification         | CE, FCC   |
| IO Ports              |   |
| USB Port              | 2 x USB 3.0   |
| Serial Port           | 1 x RS232,<br>4 x RS232 or 4 x Isolation RS422/485 (Optional)   |
| Video                 | 1 x HDMI (Optional)   |
| LAN                   | 2 x RJ45-10/100/1000 Mbps   |
| Mechanical            |   |
| Dimension             | 593 x 356.7 x 62.7 mm   |
| Weight                | 10.3 kg   |
| Mounting              | VESA Mount/ Panel Mount   |
| Enclosure             | Metal Housing with Aluminum Bezel   |

|                       |   |                    |               |
|-----------------------|---|--------------------|---------------|
| <b>Cooling System</b> | Fanless Design  | <b>Cut out</b>     | 566 x 362 mm  |
| <b>Accessory</b>      |   |                    |               |
| <b>Accessory</b>      | Driver CD & User Manual<br>4 x M6 Black Screw Bolt with M6 Nut<br>1 x AC Adapter 12V/ 84W<br>1 x Power Cord |                    |               |
| <b>Power</b>          |   |                    |               |
| <b>Power Rating</b>   | 9~36V DC Input Acceptable   | <b>Consumption</b> | 70W (Typical) |
| <b>Control</b>        |   |                    |               |
| <b>Button</b>         | 1 x Power Button<br>1 x Reset Button<br>1 x The Dimming Knob  |                    |               |

## 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.