

# W24L100-MRA1IV3S

## 24" Intel® Core™ i7-3517UE Marine Panel PC



### KEY FEATURES

- Intel® Core™ i7-3517UE processor
- Dimming knob control backlight brightness from nearly 0% to 100%
- Transflective film technology enhances visibility
- Panel (flush) mount IP66 aluminum housing with powder coating design (IP54 rear)
- 9~36V DC power input acceptable



### SPECIFICATIONS

Display	
<b>Resolution</b>	1920x1080
<b>Contrast Ratio</b>	5000:1
<b>Display Color</b>	16.7M Colors
<b>Touch / Glass</b>	Resistive Touch Screen AR Glass (Optional)
<b>Size</b>	24.0 inches
<b>Panel Brightness</b>	300 nits
<b>View Angles</b>	89,89,89,89
System Specification	
<b>Processor</b>	Intel® Core™ i7-3517UE (4M Cache, up to 2.80 GHz)
<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Ethernet controller</b>	Intel® 82574L Gigabit Ethernet Controller + Intel® 82579LM Gigabit Ethernet PHY
<b>Chipset</b>	Intel® HM76
<b>Storage</b>	1 x mSATA SSD 64GB mSATA SSD up to 512GB (Optional)
<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Environment	
<b>Operating Humidity</b>	5% to 95%
<b>Shock</b>	15G, 11ms duration
<b>IP rating</b>	IP66 (Front Side)
<b>Operating Temperature</b>	-15~55°C
<b>Vibration</b>	0.7g@DNVGL CG-0339 (Class A)
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>USB Port</b>	2 x USB 3.0
<b>Video</b>	1 x VGA 1 x HDMI (Optional)
<b>Serial Port</b>	1 x RS232, 1 x RS232/422/485 2 x RS232 or 2 x Isolation RS422/485 (Optional)
<b>LAN</b>	2 x RJ45-10/100/1000 Mbps
Mechanical	
<b>Dimension</b>	593 x 356.7 x 62.7 mm
<b>Enclosure</b>	Metal Housing with Aluminum Bezel
<b>Cut out</b>	570 x 357 mm
<b>Mounting</b>	VESA Mount/ Panel Mount
<b>Cooling System</b>	Fanless Design
Accessory	

**Accessory** Driver CD & User Manual  
4 x M6 Black Screw Bolt with M6 Nut

**Power**

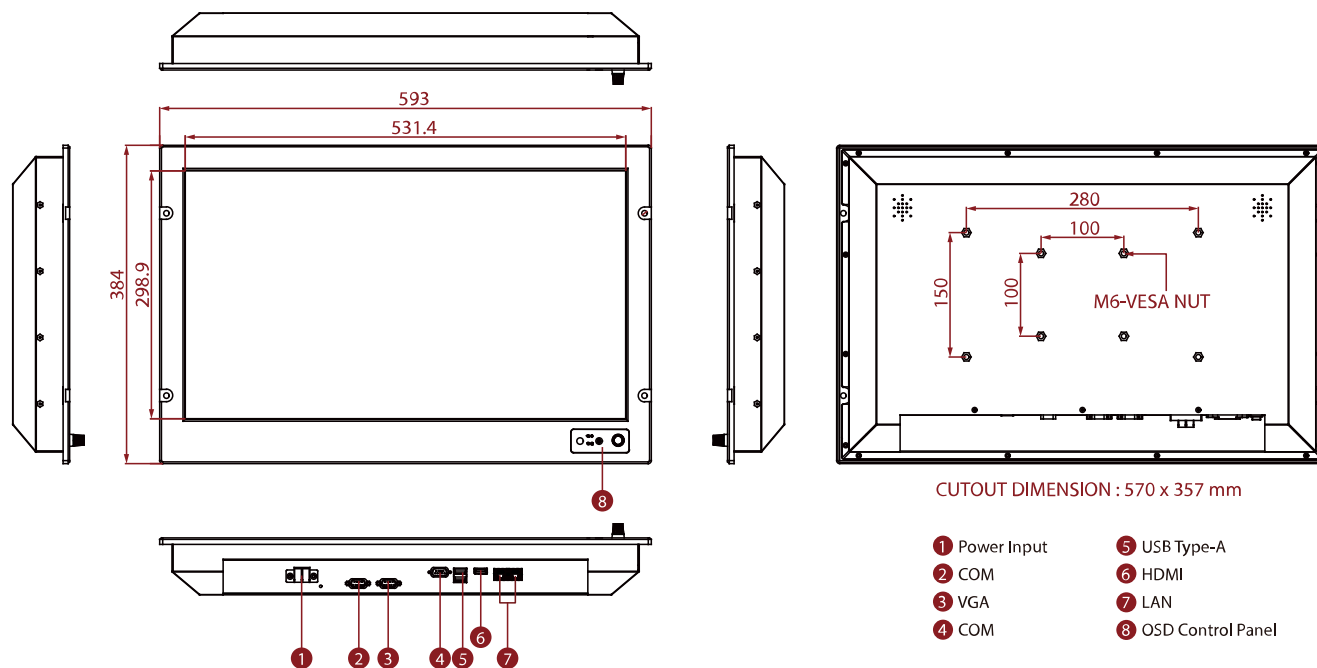
**Power Rating** 24V DC-in with Isolation (Approval by Certificate)  
9~36V DC Input Accpetable

**Control**

**Button** 1 x Power Button  
1 x Reset Button  
1 x The Dimming Knob

**DIMENSIONS** UNIT:MM

**Winmate W24L100-MRA1IV3S**



**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.