

W24IH3S-MRA1FP

24" Intel® Core™ i5-5350U Flat PCAP ECDIS Marine Panel PC



KEY FEATURES

- 24" 1920 x 1080 resolution with projective capacitive multi-touch screen
- Edge-to-edge narrow bezel design and fanless cooling system
- Color calibrated for ECDIS compliance (Optional)
- Capacitive touch keys for quick function access and display control (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Optional 4 x COM port (NMEA 0183 protocol) 422/485 switchable via software
- Meet the requirements of Industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10
- Support capacitive touch key lock / touchscreen lock function

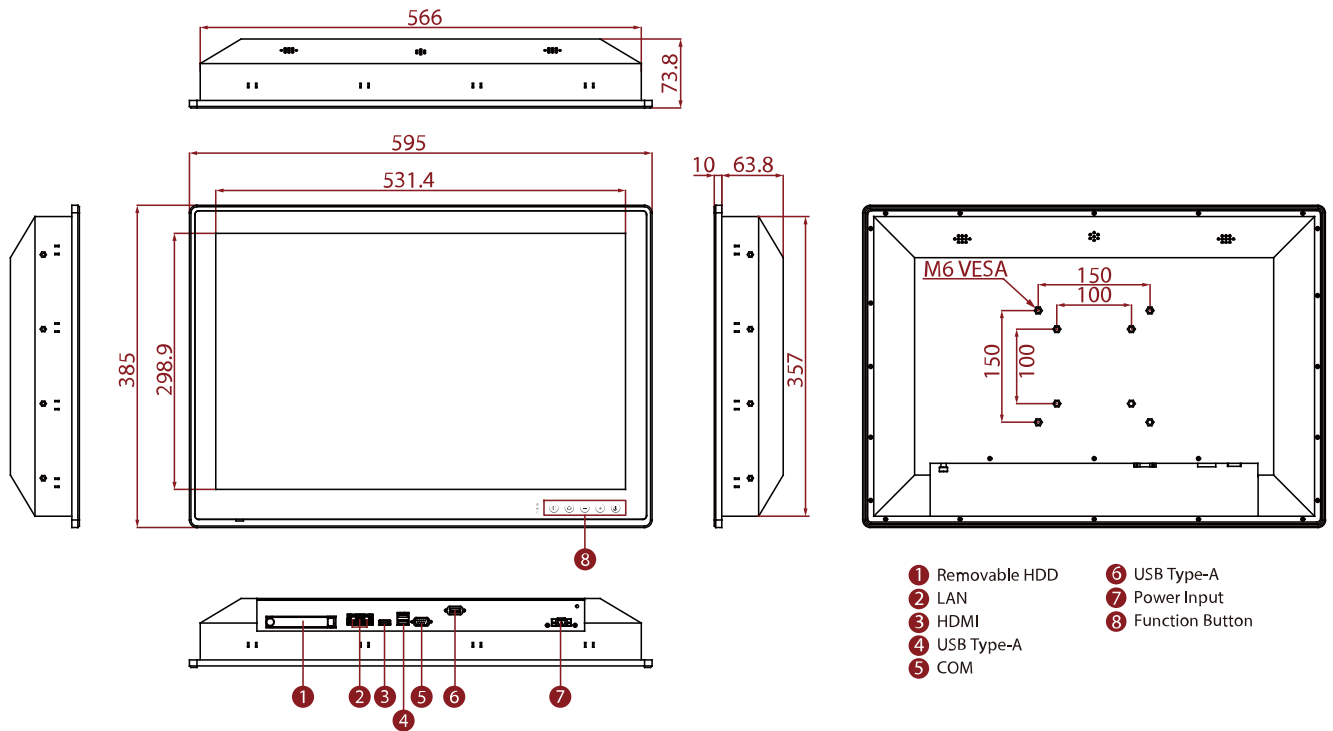


SPECIFICATIONS

Display	
Resolution	1920x1080
Contrast Ratio	5000:1
View Angles	89,89,89,89
Touch / Glass	Projected Capacitive Multi Touch Screen (AR Film) AG film (Optional) AR Glass (Optional)
Size	24 inches
Panel Brightness	300 nits
Active Area	531.36x298.89 mm
System Specification	
Processor	Intel Core i5-5350U Processor 1.8GHz (up to 2.9GHz) Intel Core i5-5250U Processor 1.6GHz (up to 2.7GHz) (Optional) Intel Core i5-5300U Processor 2.3GHz (up to 2.9GHz) (Optional) Intel Core i5-5200U Processor 2.2GHz (up to 2.7GHz) (Optional)
Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 128GB mSATA SSD up to 512GB (Optional)
Ethernet controller	Intel® Ethernet Controller I211-AT+ Intel® Ethernet Connection I218-LM
Operating System	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 20.04 (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 DNVGL-CG-0339, IEC60945 4th, IACS E10
IO Ports	
USB Port	2 x USB3.0 1 x USB2.0
Serial Port	1 x RS232(Default)/422/485
Video	1 x HDMI (Optional)
LAN	2 x RJ45

Front Control	Power Brightness + Brightness - Menu Function Key(Default setting: ECDIS Mode)	Indicator	Day Mode Dusk Mode Night Mode
DIDO	8 Channel Isolated Digital Input/Output (Optional)	NMEA	4 x NMEA 0183 Port (Optional)
Mechanical			
Dimension	595 x 385 x 63.8 mm	Weight	10.3 kg
Mounting	VESA Mount/ Panel Mount	Enclosure	Anodized Aluminum Bezel
Cooling System	Fanless Design	Cut out	570 x 360 mm
Accessory			
Accessory	Driver CD & User Manual AC to DC Adapter Power Cord 3 pin Terminal Block to DC Jack M4 x 12 Black Screw Bolts	Optional Accessory	Four 5 Pin Terminal Block 3.81 (Phoenix Type)*For NMEA port (Optional)
Power			
Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	65W (Typical)

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Only 24V DC has been approved by DNVGL certification.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. 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.