

# Flat PCAP ECDIS Marine Panel PC

Model: WPM-MAR-W2600A1F-i5



**Rugged 26" Marine Panel Mount PC IP66 1920x1200, 350nits with Multi-touch Projective capacitive, ECDIS Mode Switching: DAY, DUSK, NIGHT Modes, IEC60945 4th Edition, DNVGLCG0339, IACS E10, Edge-to-edge Narrow Bezel**

## FEATURES:

- 27" High-Resolution Touchscreen with 1920x1200 Pixels
- Featuring an ultra-thin bezel and fanless design, this Flat PCAP Marine Panel PC provides a seamless viewing experience.
- Optionally color-calibrated for ECDIS standards.
- Equipped with capacitive touch buttons for swift function access and display adjustments.
- Supports DAY, DUSK, and NIGHT mode transitions for ECDIS operations.
- Optional 4 x COM ports with NMEA 0183 compatibility, switchable between 422/485 through software.
- Built to adhere to marine industry regulations, including IEC60945 4th Edition, DNVGLCG0339, and IACS E10.
- Includes lock features for both capacitive touch buttons and the touchscreen.



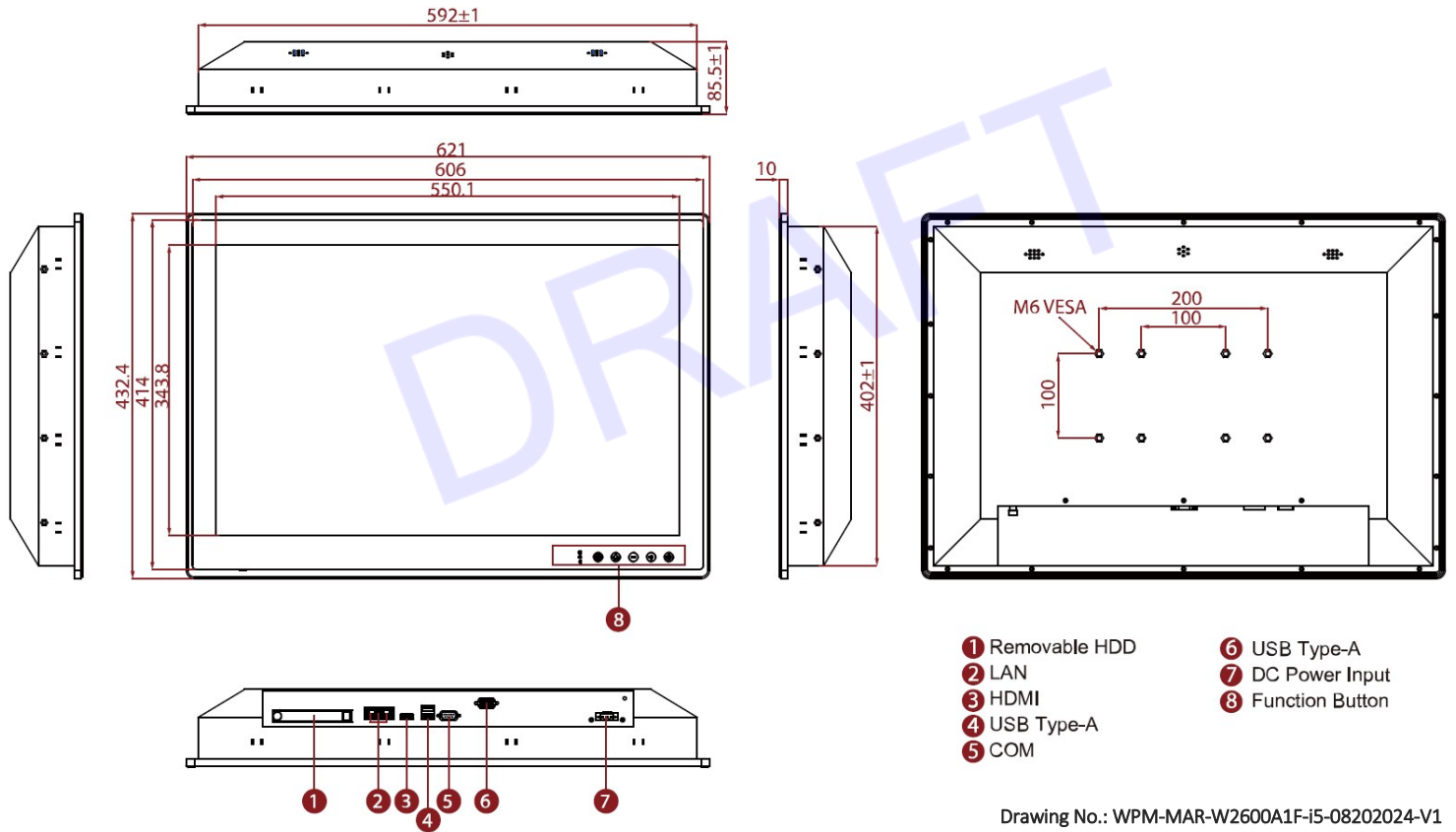
## SPECIFICATIONS

<b>DISPLAY</b>			
Resolution	1920x1200	Size	26.0 inches
Contrast Ratio	1500:1	Panel Brightness	350 nits
View Angles	88,88,88,88	Active Area	550.08x343.8 mm
Touch / Glass	PCAPMulti Touch Screen (AR Film), AG film (Optional), AR Glass (Optional)		
<b>SYSTEM SPECIFICATIONS</b>			
Processor	Intel Broadwell Core i5-5200U / -5300U / -5350U 2.1GHz	Memory	1 x SODIMM, DDR3L 1600 MHz, 8GB
Storage	1 x mSATA SSD 128GB	Ethernet controller	Intel® Ethernet Controller I211AT+ Intel® Ethernet Connection I218LM
Operating System	Windows 11 IoT Enterprise LTSC (64 bit)	Buzzer	75 dB~80 dB, 2300 Hz, 1m
<b>ENVIRONMENT</b>			
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)		
<b>CERTIFICATION</b>			
Certification	CE, FCC, DNVGL-CG-0339, IEC60945 4th, IACS E10		
<b>MECHANICAL</b>			
Dimension	621 x 432.4 x 85.5 mm	Enclosure	Anodized Aluminum Bezel
Mounting	VESA Mount/ Panel Mount	Cut out	596 x 406 mm
Cooling System	Fanless Design	Weight	12.8 kg
<b>IO PORTS</b>			
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)
<b>POWER</b>			
Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	75W (Typical)
<b>ACCESSORIES</b>			
Accessories	Driver CD & User Manual 12V AC to DC Adapter (with 3 pin Terminal Block) Power Cord M4 x 12 Black Screw Bolts	Optional Accessory	Four 5 Pin Terminal Block 3.81 (Phoenix Type)*For NMEA port (Optional)

\*Specifications subject to change without notice, not responsible for typographical errors.

# MECHANICAL DRAWING

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: WPM-MAR-W2600A1F-i5-08202024-V1