

Marine PANEL PC

Design and test to meet DNV Standard for Certification 2.4, IEC60945/DNV/IACS-E10/CE, FCC

Model: WPM-MAR-PC-1040M2-V2



10.4" Intel Dual Core Atom N2600 1.6Ghz 6x USB, 4x RS232, Platform Marine Panel PC. Marine Panel Mount LCD Display IP65 800x600, 400nits, Rugged Transflective Sunlight Readable, Wide Temp -10 to 55C and 24V, RS232, VGA+AV+DVI

FEATURES:

- Intel Atom N2600 Dual-core Marine Panel PC
- 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
- RAM: 4GB
- SSD: 128GB
- OS : Windows 7 Embedded Systems
- Resistive touch



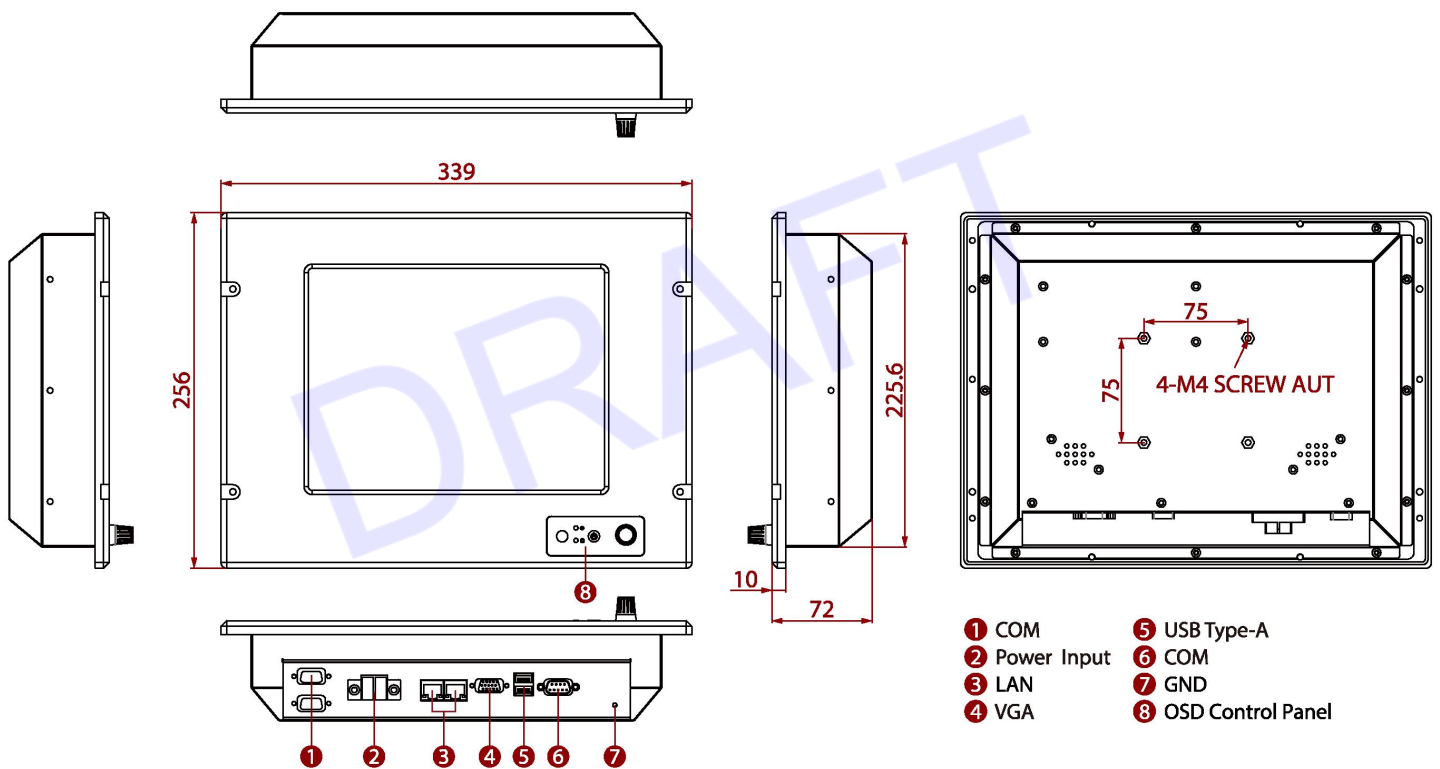
SPECIFICATIONS

Display			
Resolution	800x600	Size	10.4 inches
Contrast Ratio	400:1	Panel Brightness	400 nits
View Angles	70,70,70,60	Active Area	211.2x158.4 mm
Touch / Glass	Resistive Touch Screen AR Glass (Optional)		
System Specification			
Processor	Intel Atom N2600 1.6GHz	Chipset	Intel® NM10
Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB	Storage	1 x mSATA SSD 128GB
Ethernet controller	BCM57780A1KMLG	Operating System	Windows 7 Embedded Systems (Optional) Linux Ubuntu 20.04 (Optional)
Environment			
Operating Humidity	5% to 95%	Operating Temperature	-10~55°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		
Mechanical			
Dimension	339 x 256 x 72 mm	Weight	4 kg
Mounting	VESA Mount/ Panel Mount	Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design	Cut out	300 x 232 mm
IO Ports			
USB Port	2 x USB2.0	Serial Port	1 x RS232/422/485 2 x RS232 or 2 x Isolation RS422/485
Video	1 x VGA	LAN	2 x RJ45-10/100/1000 Mbps
Accessory			
Accessory	Driver CD & User Manual 4 x M6 Black Screw Bolt with M6 Nut 1 x AC Adapter 12V/ 84W 1 x Power Cord		

Power			
Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	30W (Typical)
Control			
Button	1 x Power Button 1 x Reset Button 1 x The Dimming Knob		

MECHANICAL DRAWING

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



- ① COM
- ② Power Input
- ③ LAN
- ④ VGA
- ⑤ USB Type-A
- ⑥ COM
- ⑦ GND
- ⑧ OSD Control Panel

Drawing No.: WPM-MAR-PC-1040M2-V2-02222023-V1