MM12WPPC MarineMaster Panel PC



KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 processor dashboard panel PC
- 12.3” 1920 x 720 wide viewing angle with PCAP touch
- 9~36V DC Power input acceptable

OVERVIEW



Marine Panel PC with 1920 x 720 Wide Viewing Angle and PCAP Touch Technology

The **Milrack Marine Panel PC** features a **1920 x 720 high-resolution display** with a wide viewing angle and **PCAP touch technology** for responsive control. Built for harsh marine conditions, it is durable and certified for resistance to water, moisture, vibration, and extreme temperatures, making it ideal for navigation, monitoring, and control applications.



Marine Panel PC with Versatile 9~36V DC Power Input

The **Milrack Marine Panel PC** features a versatile **9~36V DC power input**, ensuring compatibility with various marine power systems. This allows for reliable operation across different marine environments, including boats, ships, and offshore platforms, without performance issues due to voltage fluctuations.



Marine Panel PC with Elkhart Lake Pentium N6415 Processor

The **Milrack Marine Panel PC** is powered by the **Intel® Elkhart Lake Pentium® N6415 Processor**, offering efficient and reliable performance. Tailored for marine environments, this panel PC meets the rigorous demands of marine applications.



Enhanced Interaction with PCAP MultiTouch Screen

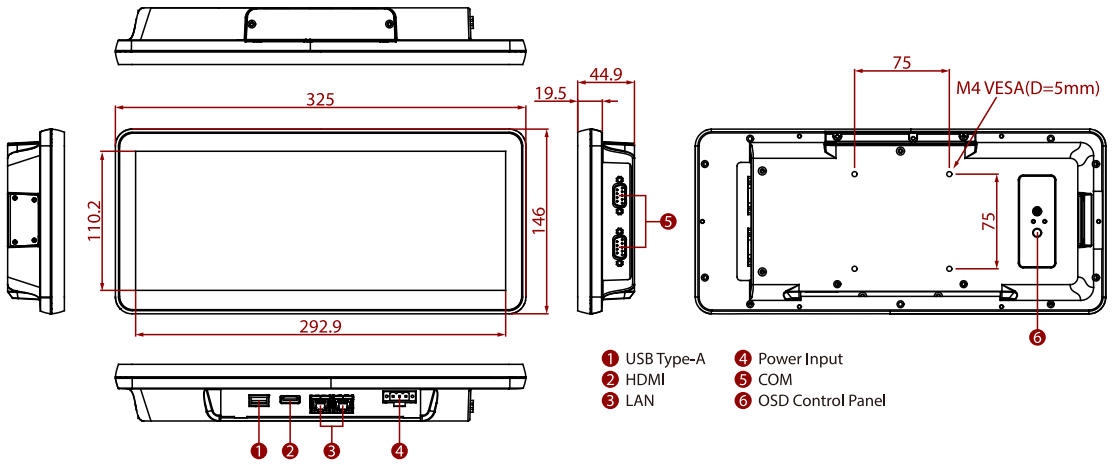
The **Milrack marine panel PC** features a **PCAP multitouch screen**, offering accurate touch detection and supporting multitouch gestures like zooming and panning. This intuitive interface enhances user experience and productivity, making it ideal for industrial applications that require efficient human-machine interaction.

SPECIFICATIONS

Display			
Resolution	1920x720	**Size**	12.3 inches
Contrast Ratio	1000:1	**Panel Brightness**	1000.0 nits
View Angles	88,88,88,88	**Type**	Projected Capacitive Multi Touch
System Specification			
Processor	Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz)	**Memory**	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 B-key SSD 256GB 512GB (Optional)	**Ethernet controller**	2 x 2.5 Giga LAN RJ45 Connector
Security	TPM 2.0	**Operating System**	Windows 11 IoT Enterprise LTSC (64 bit) (Optional)

			Windows 10 IoT Enterprise (64 bit) (O
Environment			
Operating Humidity	5% to 95%	**Operating Temperature**	-15~55°C
Shock	15G,11ms duration	**IP rating**	IP66 (Front Side)
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	1 x USB3.2 Gen1x1 (Type-A)	**Serial Port**	2 x RS232(Default)/422/485
Video	1 x HDMI 2.0 (Optional)	**LAN**	2 x RJ45-10/100/1000 Mbps
Mechanical			
Dimension	325.02 x 146.5 x 45 mm	**Weight**	3.5 kg
Mounting	VESA mount Panel mount (Optional)	**Enclosure**	Metal
Cooling System	Fanless Design		
Accessory			
Accessory	User Manual M16 Power Cable M12 COM Port Cable M12 USB/ LAN Cable M12 USB Cable		
Power			
Power Rating	9V~36V DC In Terminal Block		

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.