W15IE3S-MRB1FP

14.9" Intel® Pentium® N6415 Marine Dashboard Panel PC

KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 processor dashboard panel PC
- 14.9" 1920 x 720 wide viewing angle with PCAP touch
- 9~36V DC Power input acceptable

CE FC

OVERVIEW

Winmate 14.9" Marine Panel PC with 1920 x 720 Wide Viewing Angle and PCAP Touch Technology

Winmate 14.9" Marine Panel PC featuring a high-resolution 1920 x 720 display with a wide viewing angle and PCAP touch technology. This rugged panel PC is designed to meet the demanding requirements of marine environments, ensuring reliable performance even in harsh conditions. With its durable construction and marine-specific certifications, it offers excellent resistance to water, moisture, vibration, and extreme temperatures. The PCAP touch technology provides intuitive and responsive touch control, enhancing usability and efficiency. Whether for navigation, monitoring, or control applications, the Winmate 14.9" Marine Panel PC is a reliable choice for marine professionals.

Winmate 14.9" Marine Panel PC with Versatile 9~36V DC Power Input

The Winmate 14.9" Marine Panel PC is equipped with a versatile 9~36V DC power input, making it compatible with a wide range of marine power systems. This feature ensures seamless integration and reliable operation in diverse marine environments. Whether it's on a boat, ship, or offshore platform, the panel PC can handle varying voltage levels without compromising performance. With its flexible power input capabilities, the Winmate 14.9" Marine Panel PC offers convenience and adaptability for marine professionals seeking a reliable computing solution on their vessels.

Winmate 14.9" Marine Panel PC with Intel® Elkhart Lake Pentium® N6415 Processor

The Winmate 14.9" Marine Panel PC is equipped with the powerful Intel® Elkhart Lake Pentium® N6415 Processor, making it an efficient and reliable computing solution. Designed specifically for marine environments, this Dash panel PC delivers exceptional performance and meets the demanding requirements of marine applications. Whether it's for navigation, monitoring, or control purposes, the Winmate 14.9" Marine Panel PC provides a robust and responsive user experience. With its rugged construction and advanced processing capabilities, it is an ideal choice for marine professionals seeking a high-performance computing solution for their dash panel needs.

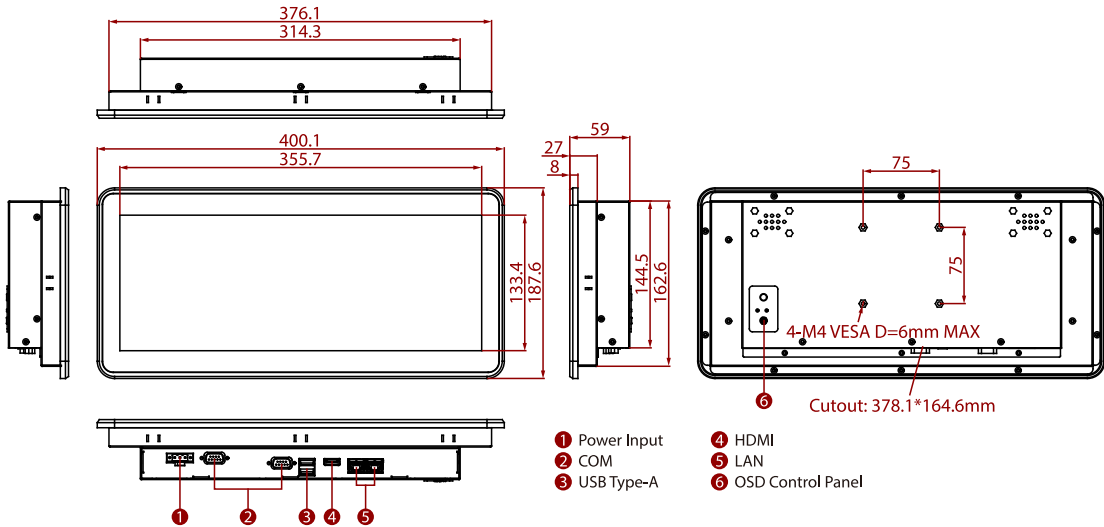### Enhanced Interaction with PCAP Multi-Touch Screen

Winmate 14.9" marine panel pc features a PCAP (Projected Capacitive) multi-touch screen, providing a responsive and intuitive user interface. The PCAP technology allows for accurate touch detection and supports multi-touch gestures, enabling users to interact with the marine panel pc effortlessly. The multi-touch functionality allows for zooming, panning, and gesture-based controls, enhancing the user experience and improving productivity. With the PCAP multi-touch screen, operators can easily navigate through complex interfaces, input data, and access information with a simple touch, making the marine panel pc an ideal choice for industrial applications that require intuitive and efficient human-machine interaction.

SPECIFICATIONS

Display

Type	Projected Capacitive Multi Touch	**Resolution**	1920x720
Size	14.9 inches	**Contrast Ratio**	1000:1
Panel Brightness	950.0 nits	**View Angles**	85,85,85,85
Active Area	355.68×133.38 mm		

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) (Optional)

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	2 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	400.1 x 187.6 x 59 mm		**Weight**	4.8 kg
Mounting	VESA mount Panel mount (Optional)		**Enclosure**	Metal
Cooling System	Fanless Design			

Accessory

Accessory	Driver CD & User Manual AC to DC Adapter 12V/ 50W Power Cord 3 pin Terminal Block to DC Jack

Power

Power Rating	9V~36V DC In Terminal Block

DIMENSIONS   UNIT:MM

❶ Power Input
❷ COM
❸ USB Type-A
❹ HDMI
❺ LAN
❻ OSD Control Panel

4-M4 VESA D=6mm MAX
Cutout: 378.1*164.6mm

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.