

W10IE3S-MRH2FP

10.1" Intel® Pentium® N6415 Marine Dashboard Panel PC



KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 processor dashboard panel PC
- 10.1" 1280 x 800 wide viewing angle with PCAP touch
- 9~36V DC Power input acceptable

INTRODUCTION

Winmate Marine Dashboard Panel PC Series combines durability and performance for maritime applications, offering sizes from 10.1" to 14.9". Featuring Intel® Elkhart Lake Pentium® processors, wide viewing angle displays, and PCAP touch technology, these panel PCs ensure precise operation and optimal visibility. With a robust 9~36V DC power input, they are built to withstand harsh marine environments. Ideal for navigation and control systems, this series delivers reliability and efficiency for demanding marine operations.

SPECIFICATIONS

Display

Resolution	1280x800	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	350.0 nits
View Angles	85,85,85,85	Active Area	216.96x135.6 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

Processor	Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz)	Memory	4GB (Default) 8GB (Optional) 16GB (Optional)
Storage	256GB (Default) 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
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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	263.28 x 172 x 35.7mm	Weight	3 kg
Mounting	VESA mount/Panel mount	Enclosure	Metal
Cooling System	Fanless Design		

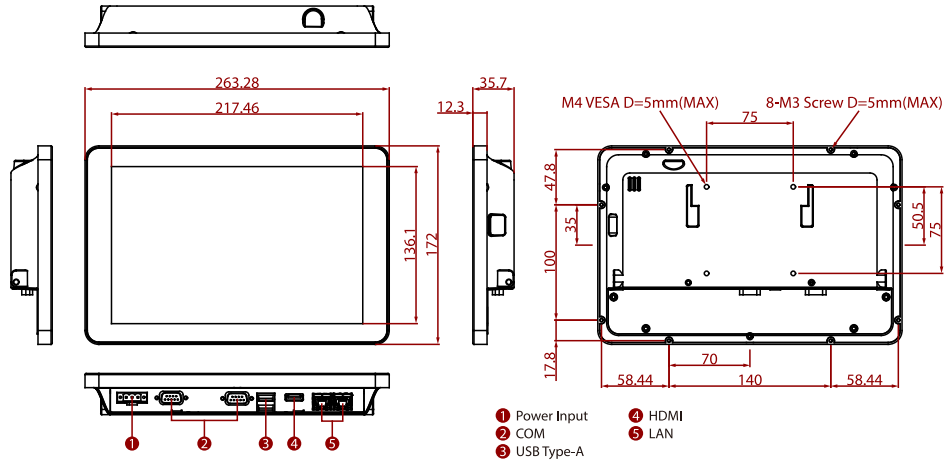
Power

Power Rating	9V~36V DC In Terminal Block
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Accessory

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