

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

INTRODUCTION

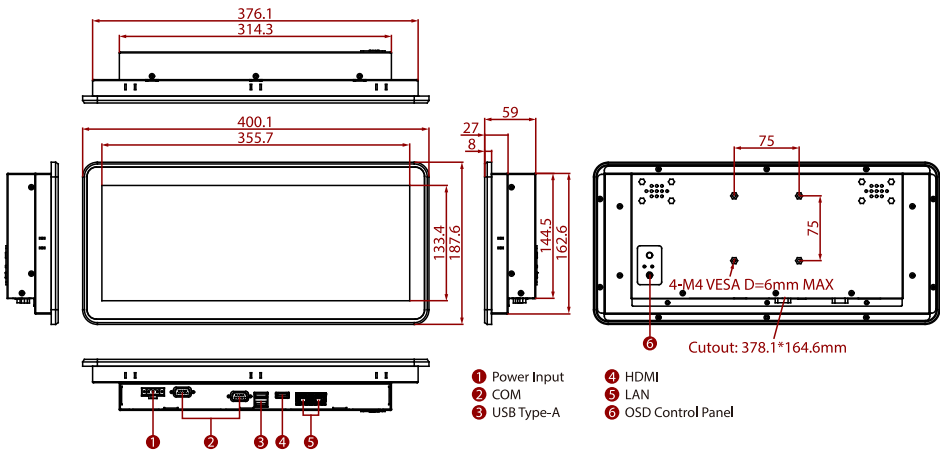
Winmate Marine Dashboard Panel PC Series combines durability and performance for maritime applications, offering sizes from 10.1" to 14.9". Featuring Intel® Elkhart Lake Pentium® processors, wide viewing angle displays, and PCAP touch technology, these panel PCs ensure precise operation and optimal visibility. 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			
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	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



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.