

# 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



### SPECIFICATIONS

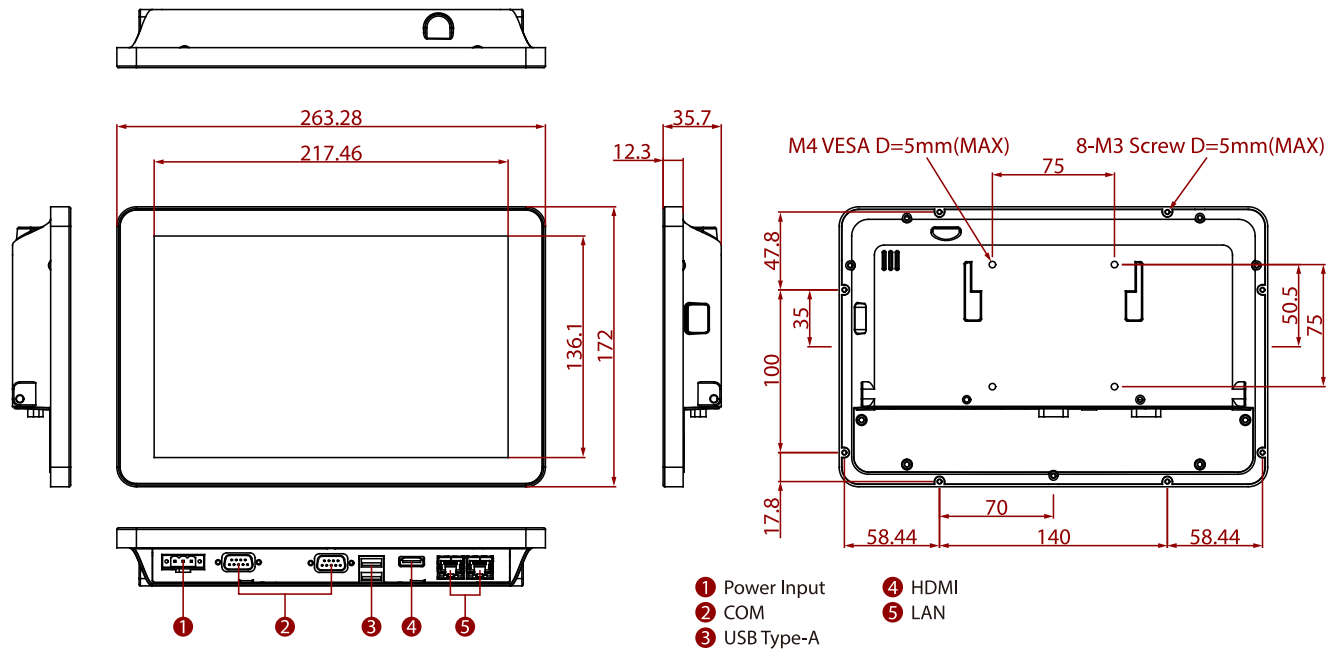
Display			
Resolution	1280x800	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	350.0 nits
View Angles	85,85,85,85	Active Area	216.96x135.6 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
Processor	Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 B-key SSD 256GB 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (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	263.28 x 172 x 35.7mm	Weight	3 kg
Mounting	VESA Mount/ Panel Mount	Enclosure	Metal
Cooling System	Fanless Design		
Power			
Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable		
Accessory			

## Accessory

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

## 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.
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# R12IE3S-MRM2FP

## 12.1" Intel® Pentium® N6415 Marine Dashboard Panel PC



### KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 processor dashboard panel PC
- 12.1" 1024 x 768 wide viewing angle with PCAP touch
- 9~36V DC Power input acceptable



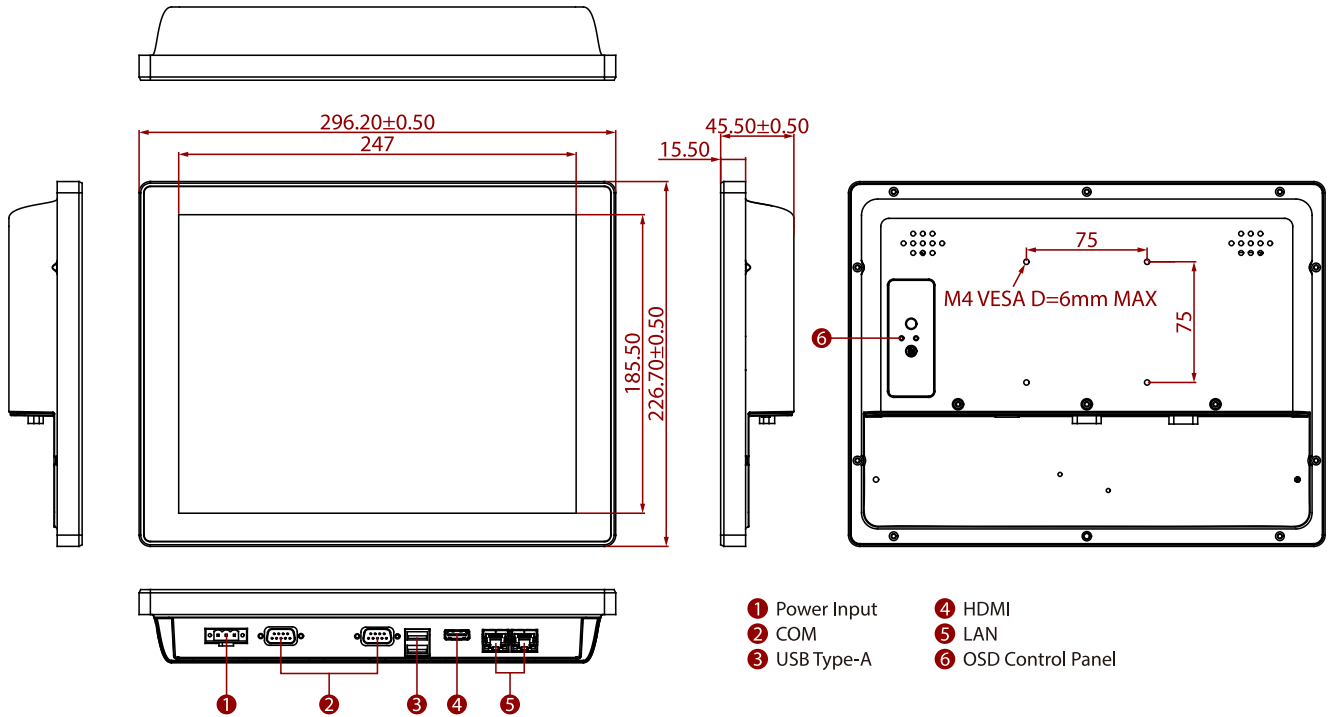
### SPECIFICATIONS

Display	
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen
<b>Size</b>	12.1 inches
<b>Panel Brightness</b>	500 nits 1000 nits(Optional)
<b>Active Area</b>	245.76x184.32 mm
<b>Resolution</b>	1024x768
<b>Contrast Ratio</b>	1000:1
<b>View Angles</b>	89,89,89,89
System Specification	
<b>Processor</b>	Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz)
<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
<b>Storage</b>	1 x M.2 2242 B-key SSD 256GB 512GB (Optional)
<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0
<b>Operating System</b>	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Environment	
<b>Operating Humidity</b>	5% to 95%
<b>Operating Temperature</b>	-15~55°C
<b>Shock</b>	15G,11ms duration
<b>IP rating</b>	IP66 (Front Side)
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>USB Port</b>	2 x USB3.2 Gen1x1 (Type-A)
<b>Serial Port</b>	2 x RS232(Default)/422/485
<b>Video</b>	1 x HDMI 2.0 (Optional)
<b>LAN</b>	2 x RJ45-10/100/1000 Mbps
Mechanical	
<b>Dimension</b>	296.2 x 226.7 x 45.5 mm
<b>Weight</b>	2.3 kg
<b>Mounting</b>	VESA Mount
<b>Enclosure</b>	Metal
<b>Cooling System</b>	Fanless Design
Accessory	
<b>Accessory</b>	Driver CD & User Manual AC to DC Adapter 12V/ 50W Power Cord 3 pin Terminal Block to DC Jack

## Power

**Power Rating** 24V DC-in with Isolation (Approval by Certificate)  
9~36V DC Input Acceptable

## DIMENSIONS UNIT:MM



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# W12IE3S-MRB1FP

## 12.3" Intel® Pentium® N6415 Marine Dashboard 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

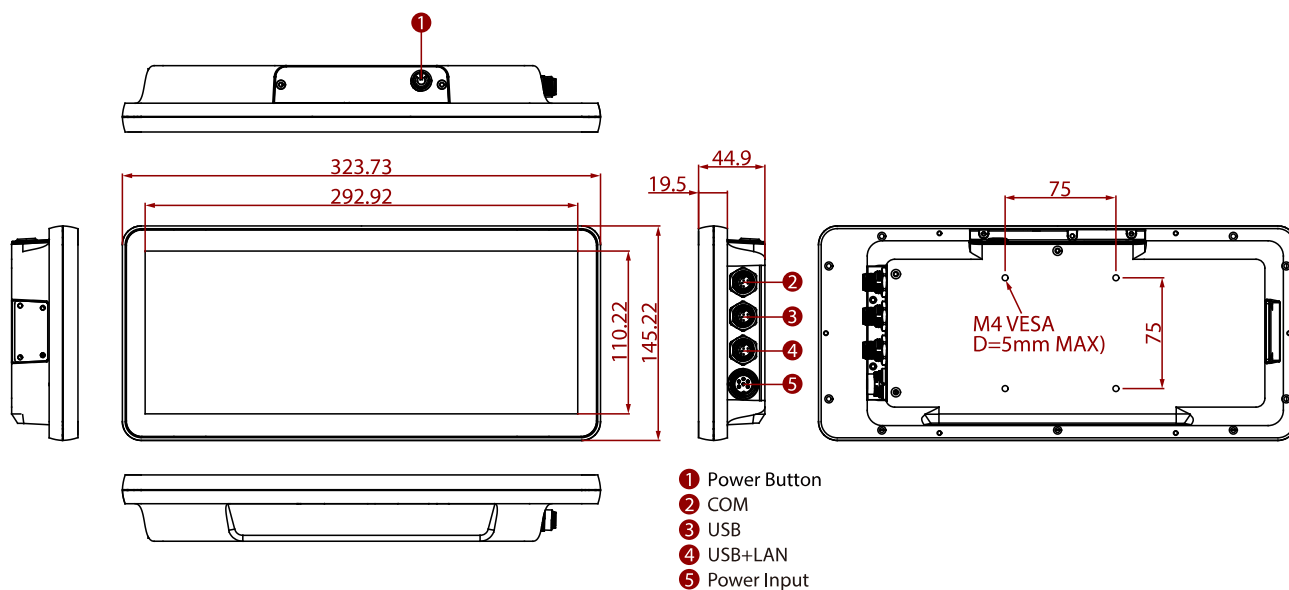


### SPECIFICATIONS

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 Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (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 USB 2.0 (M12 type)	Serial Port	1 x RS232 (M12 type)
Expansion Port	1 x LAN 10/100/1000 Mbps (M12 type)		
Mechanical			
Dimension	325.02 x 146.5 x 45 mm	Weight	3.5 kg
Mounting	VESA Mount/ Panel Mount	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** 24V DC-in with Isolation (Approval by Certificate)  
9~36V DC Input Acceptable

**DIMENSIONS** UNIT:MM



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# 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



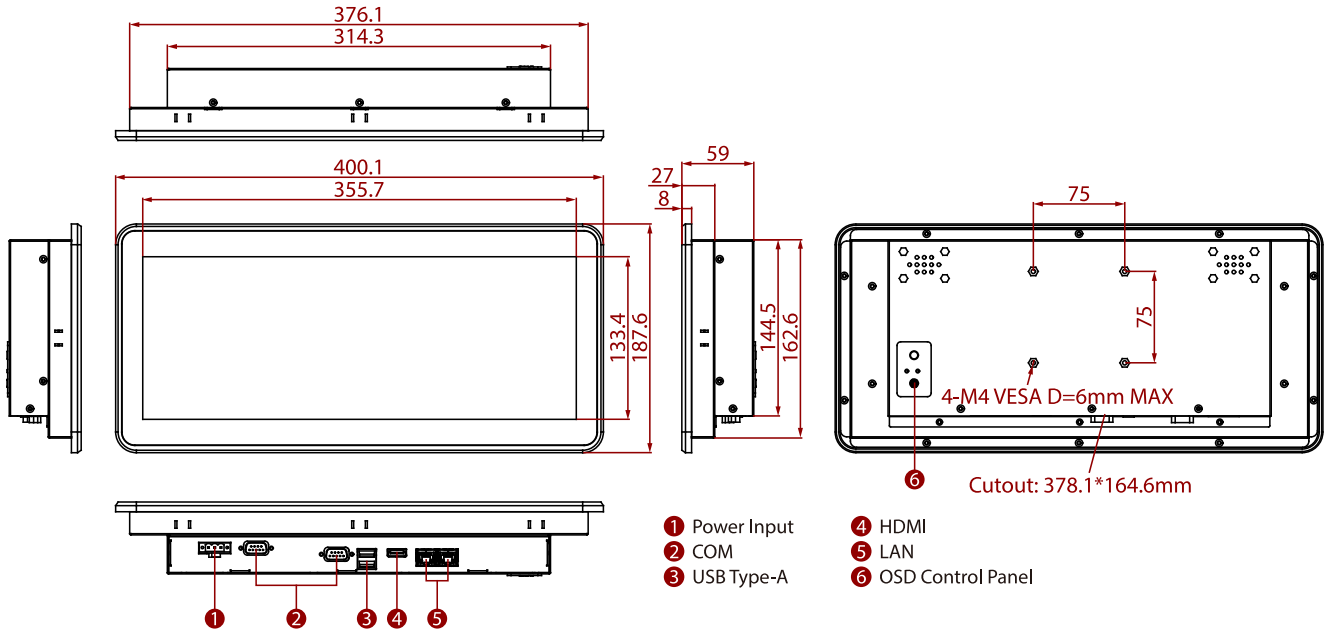
### SPECIFICATIONS

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 Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (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** 24V DC-in with Isolation (Approval by Certificate)  
9~36V DC Input Acceptable

## DIMENSIONS UNIT:MM



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