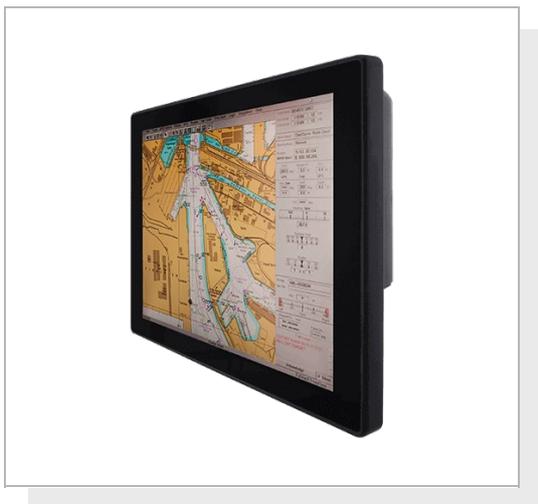


# R12IE3S-MRM2FP

## 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



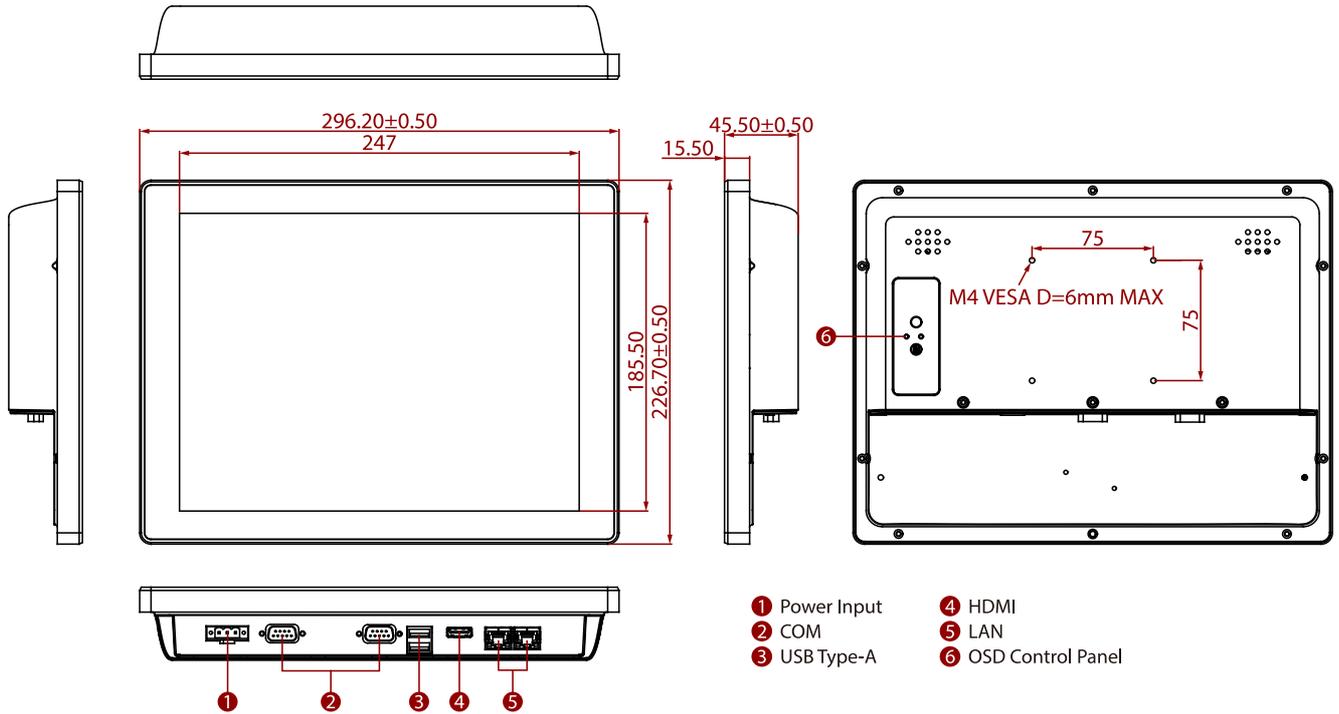
### SPECIFICATIONS

Display			
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen	<b>Resolution</b>	1024x768
<b>Size</b>	12.1 inches	<b>Contrast Ratio</b>	1000:1
<b>Panel Brightness</b>	500 nits 1000 nits(Optional)	<b>View Angles</b>	89,89,89,89
<b>Active Area</b>	245.76x184.32 mm		
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



## 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.