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
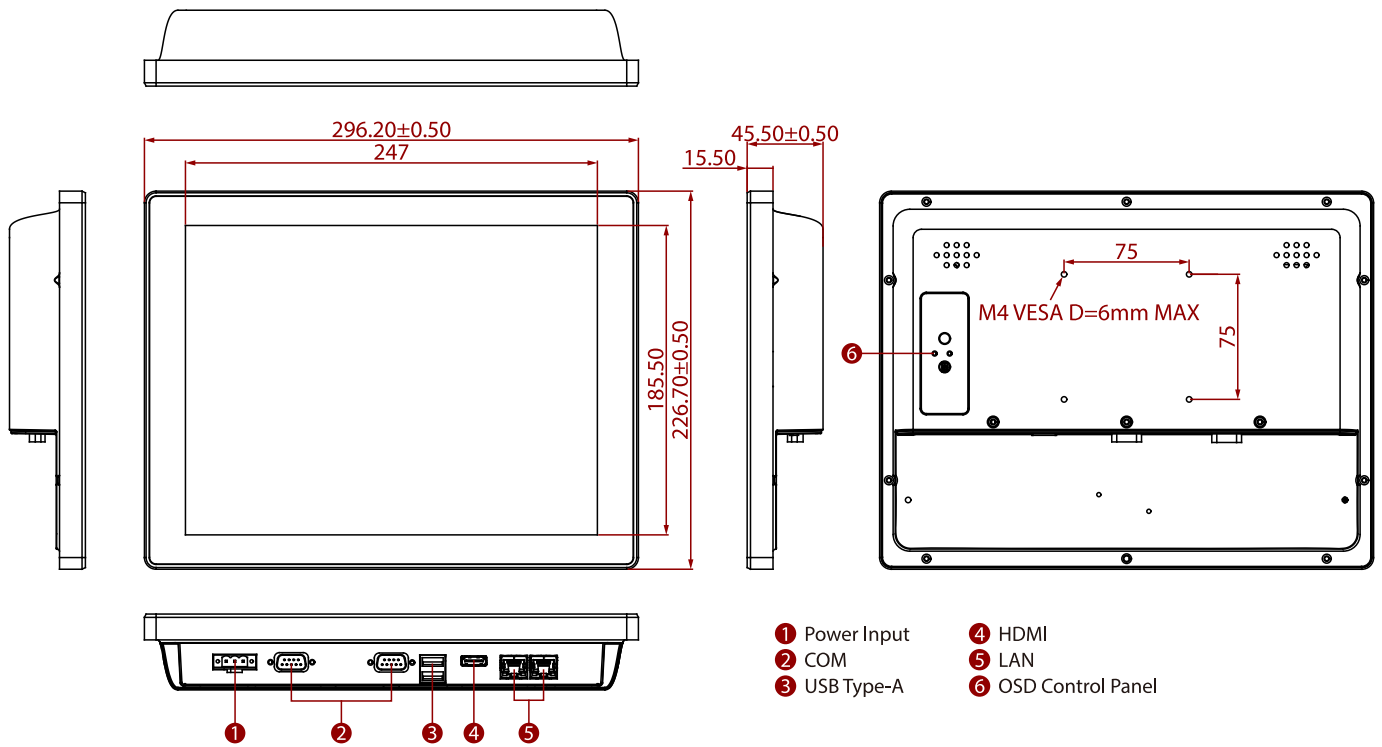- 9~36V DC Power input acceptable

CE FC

SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen	Resolution	1024x768
Size	12.1 inches	Contrast Ratio	1000:1
Panel Brightness	500 nits 1000 nits(Optional)	View Angles	89,89,89,89
Active Area	245.76x184.32 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 SAC (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	296.2 x 226.7 x 45.5 mm	Weight	2.3 kg
Mounting	VESA 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

① Power Input   ④ HDMI
② COM   ⑤ LAN
③ USB Type-A   ⑥ OSD Control Panel

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.