

R15IT3S-MRM2

15" Intel® Core™ i7-1165G7 Marine Panel PC



KEY FEATURES

- Intel® Core™ i7-1165G7 processor marine panel PC
- Dimming knob control backlight brightness from nearly 0% to 100%
- 9~36V DC power input acceptable
- Panel (flush) mount IP66 aluminum housing with powder coating design

INTRODUCTION

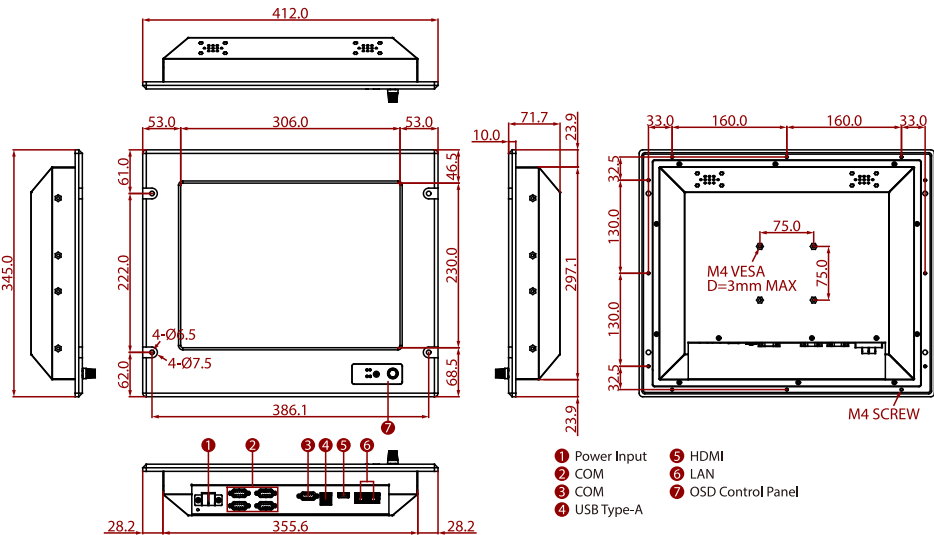
Winmate Marine Panel PC Series is purpose-built for maritime environments, offering sizes from 10.4” to 24” with a rugged aluminum housing and an IP66-rated panel mount design. In compliance with DNVGL-CG-0339, IEC 60945, and IACS-E10 standards, these panel PCs deliver reliable performance in demanding marine applications. Equipped with hyper dimming technology for seamless brightness adjustment from 0% to 100% and optional transfective film for enhanced outdoor visibility, they ensure safe operation in all lighting conditions. With versatile OS support, 9–36V DC power input, and robust construction, these PCs are ideal for navigation and monitoring systems.

SPECIFICATIONS

Display			
Touch / Glass	Resistive Touch Screen AR Glass (Optional)	Resolution	1024x768
Size	15.0 inches	Contrast Ratio	2000:1
Panel Brightness	500.0 nits	View Angles	88,88,88,88
Active Area	304.1x228.1 mm		
System Specification			
Processor	Intel Core i7-1165G7 2.8GHz (up to 4.7GHz)	Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 M-Key 2280 NVMe SSD, 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional)	Ethernet controller	2 x 2.5 Giga LAN RJ45 Connector
Operating System	*Note:Only Windows 11 support Wake on touch Windows 11 IoT Enterprise (64 bit) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional)		
Environment			
Operating Humidity	5% to 95%	Operating Temperature	-15~55℃
Shock	15G,11ms duration	Vibration	0.7g@DNV-CG-0339 (Class A)

IP rating				IP66 (Front Side)			
Certification							
Certification		CE, FCC					
Mechanical							
Dimension		412 x 345 x 71.7 mm		Weight		6.2 kg	
Mounting		VESA mount/Panel mount		Enclosure		Metal Housing with Aluminum Bezel	
Cooling System		Fanless Design		Cut out		360 x 302mm	
IO Ports							
USB Port		2 x USB 3.0		Serial Port		1 x RS232, 4 x RS232 or 4 x Isolation RS422/485 (Optional)	
Video		1 x HDMI (Optional)		LAN		2 x RJ45-10/100/1000 Mbps	
Accessory							
Accessory		Driver CD & User Manual 4 x M6 Black Screw Bolt with M6 Nut 1 x AC Adapter12V/ 84W 1 x Power Cord					
Power							
Power Rating		9~36V DC Input Acceptable		Consumption		55W (Typical)	
Control							
Button		1 x Power Button 1 x Reset Button 1 x The Dimming Knob					

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.