



R12IAN3S-MRM2 12.1" Marine Panel PC with Intel(R) N150 Processor

Manufacturer part number: R12IAN3S-MRM2 | Marine Panel PCs



Discover the R12IAN3S-MRM2 Marine Panel PC powered by Intel(R) N150. Features 0-100% dimming knob control, 9~36V DC input, and an IP66 flush-mount aluminum housing for harsh marine environments.

Display	
Size	12.1 inches
Touch / Glass	Resistive Touch Screen (Default), AR Glass (Optional)
Resolution	1024x768
Panel Brightness	500.0 nits
Contrast Ratio	1000:1
View Angles	89,89,89,89
Active Area	245.76x184.32 mm
System Specification	
Processor	Intel(R) Processor N150 6M Cache, up to 3.6 GHz
Memory	8GB (Default), 16GB (Optional)
Storage	128GB (Default), 256GB (Optional), 512GB (Optional), 1TB (Optional), 2TB (Optional), 4TB (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Operating System	Windows 11 IoT Enterprise (64 bit)
Environment	
Operating Humidity	5% to 95%
Operating Temperature	-15~55 deg C
Shock	15G,11ms duration
Vibration	0.7g@DNV-CG-0339 (Class A)
IP rating	IP66 (Front Side)
Certification	
Certification	CE, FCC
Mechanical	
Dimension	337.2 x 293.2 x 65.8 mm
Cut out	307 x 253mm
Weight	4.5 kg
Mounting	VESA mount/Panel mount

Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design
IO Ports	
USB Port	2 x USB3.2 (Type-A), 1 x USB 3.2 (Type C)
Serial Port	1 x RS232 (Default), 2 x RS232 or 2 x Isolation RS422/485 (Optional)
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x HDMI (Optional)
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