



W27IAD3S-MRA1FP 27" Intel(R) Core(TM) i5-1335U Flat PCAP ECDIS Marine Panel PC

Manufacturer part number: W27IAD3S-MRA1FP | Marine Panel PCs



Explore Winmate W27IAD3S-MRA1FP, an ECDIS marine display featuring Intel(R) Core(TM) i5-1335U, 27-inch display with 1920x1080 resolution, DNV...

Display	
Size	27.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen (AR Coating) (Default), AG film (Optional), AR Glass (Optional)
Resolution	1920x1080
Panel Brightness	300.0 nits
Contrast Ratio	3000:1
View Angles	89,89,89,89
Active Area	597.6x336.15 mm
System Specification	
Processor	Intel(R) Core(TM) i5-1335U 3.4GHz(up to 4.60 GHz) (Default), Intel(R) Core(TM) 5 120U 3.8GHz (up to 5GHz) (Optional)
Memory	8GB (Default), 16GB (Optional), 32GB (Optional)
Storage	128GB (Default), 256GB (Optional), 512GB (Optional), 1TB (Optional), 2TB (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)
Buzzer	75 dB~80 dB, 2300 Hz, 1m
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, DNV-CG-0339, IEC60945 4th, IACS E10
Mechanical	
Dimension	665 x 432.4 x 85.5 mm
Cut out	632 x 394 mm
Weight	12.8 kg

Mounting	VESA mount/Panel mount
Enclosure	Anodized Aluminum Bezel
Cooling System	Fanless Design
IO Ports	
USB Port	2 x USB3.2, 1 x USB2.0
Serial Port	1 x RS232(Default)/422/485, 1 x RS232 (Optional)
LAN	2 x RJ45
Video	1 x HDMI (Optional)
Expansion Port	1 x 2.5" Removable SSD/HDD (Optional)
Front Control	Power, Brightness +, Brightness -, Menu , Function Key(Default setting: ECDIS Mode)
Indicator	Day Mode , Dusk Mode, Night Mode
DIDO	8 Channel Isolated Digital Input/Output (Optional)
NMEA	4 x NMEA 0183 Port (Optional)
Accessory	
Accessory	User Manual, AC to DC Adapter (with 3 pin Terminal Block), Power Cord, M4 x 30 Black Screws Bolts, M4 x 15 Sliver Screws Bolts, Mounting clips
Optional Accessory	Four 5 Pin Terminal Block 3.81 (Phoenix Type)*For NMEA port (Optional)
Power	
Power Rating	24V DC-in with Isolation (Approval by Certificate), 9~36V DC Input Acceptable
Consumption	75W (Typical)