

W27IAD3S-MRA1FP

27" Intel® Core™ i5-1335U Flat PCAP ECDIS Marine Panel PC



KEY FEATURES

- 27" 1920 x 1080 resolution with projective capacitive multi-touch screen
- Edge-to-edge narrow bezel design and fanless cooling system, Flat PCAP ECDIS Marine Panel PC
- Color calibrated for ECDIS compliance (Optional)
- Capacitive touch keys for quick function access and display control
- Support ECDIS DAY, DUSK, and NIGHT mode switching
- Optional 4 x COM port (NMEA 0183 protocol) 422/485 switchable via software
- Meet the requirements of industrial marine standards, including IEC60945 4th Edition, DNV-CG-0339, IACS E10
- Support capacitive touch key lock / touchscreen lock function



OVERVIEW



Certified Marine Computing Solutions

Winmate's ECDIS marine panel pcs are certified to meet DNV-CG-0339, IEC60945, and IACS-E10 standards, ensuring compliance with international marine regulations. Rigorous in-house testing guarantees they perform reliably in harsh maritime environments.



Effortless Control with Marine Panel PC

To enhance operator convenience in industrial settings, Winmate's marine ECDIS panel pc series has optimized the six key OSD button for seamless access to DAY/DUSK/Night Mode. This improvement simplifies operation, removing complexity and allowing quick access to the central control on the front panel.



Precision Color Calibration for Marine Navigation

Winmate calibrates color settings according to the IEC 61174 ECDIS Standard, ensuring accurate color representation. This meticulous process guarantees the reliability of color panel pc, which is crucial for maritime navigation.



Sleek and Sturdy Marine Workstations

The true-flat, edge-to-edge design provides a slim and elegant appearance, surpassing standard industrial marine computers with rugged construction, fanless operation, powerful performance, and flexible mounting options.



Comprehensive Marine Connectivity

Extensive connectivity options include Ethernet LAN, USB2.0, USB3.0, HDMI, and optional 4-channel isolated digital input and output. The optional COM ports (RS232/422/485) adhere to the NMEA 0183 standard and are software switchable.

SPECIFICATIONS

Display			
Resolution	1920x1080	Size	27.0 inches
Contrast Ratio	3000:1	Panel Brightness	300.0 nits

NOTE

- 1. This is a simplified drawing and some components are not marked in detail.
- 2. Only 24V DC has been approved by DNV certification.
- 3. Please contact our sales representative if you need further product information.
- 4. All specifications are subject to change without prior notice.
- 5. 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.