

I330EAC-ITW-6L

Intel® Core™ i5-1135G7 Marine Computer



KEY FEATURES

- Intel® Tiger Lake Core™ i5-1135G7, Marine computer
- RAM 4G DDR4L (Up to 32G)
- Removable 2.5" SSD drive bay
- 6 x LAN port
- Isolation Power Protection 1.5KV
- DNVGL-CG-0339, IEC60945 Certificate

INTRODUCTION

Winmate Marine Embedded Computer Series is engineered for maritime applications, combining robust performance with certification from DNVG-CG-0339, IEC 60945 and IACS E10. Powered by the Intel® Tiger Lake Core™ i5-1135G7 processor, it supports up to 32GB DDR4L RAM and features a removable 2.5" SSD drive bay for storage flexibility. With 6 LAN ports, multi-video output, and isolation power protection, the system ensures reliable communication and operation in demanding environments. Its modular design allows seamless integration with industrial monitors, making it ideal for port management, offshore systems, and maritime IoT applications.

SPECIFICATIONS

System Specification

Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	Memory	2 x SO-DIMM, DDR4 3200 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	Intel® Ethernet Connection I219-LM Intel® Ethernet Connection I225-LM
Operating System	Windows 11 IoT Enterprise LTSC (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	Vibration	0.7g@DNV-CG-0339 (Class A)
TEMPEST	ignore		

Certification

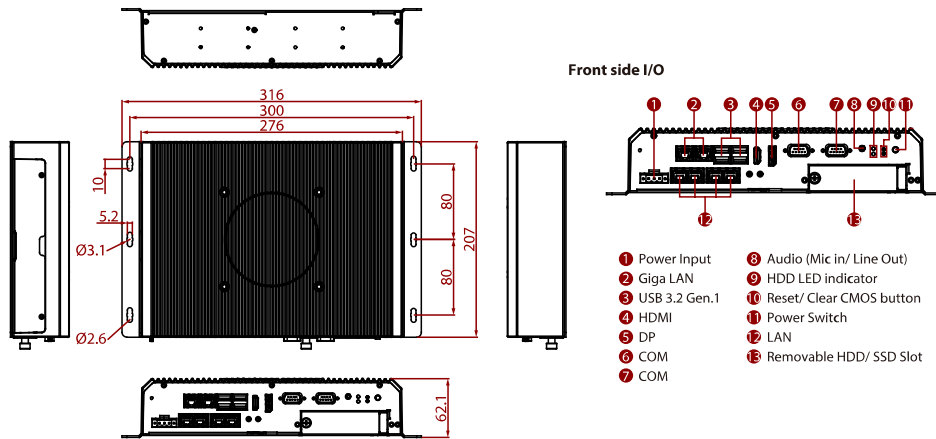
Certification	CE, FCC DNV-CG-0339, IEC60945 4th, IACS E10
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IO Ports

USB Port	4 x USB 3.0	Serial Port	2 x RS232/422/485
Video	1 x Display Port 1 x HDMI Output (Optional)	Audio	1 x Audio combo 3.5mm audio combo jack

Expansion Port	2 x 2.5" Removable SSD/HDD (Optional)	LAN	6 x Giga LAN
Mechanical			
Dimension	316.44 x 206.8 x 62.1 mm (With Mounting)	Weight	3.9 kg
Mounting	Table mount	Enclosure	Aluminum
Cooling System	Fanless Design		
Power			
Power Rating	24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	50W
Control			
Button	1 x Power Button 1 x Reset Button		
Accessory			
Accessory	1 x Quick Start Guide 1 x Power Cord 1 x Open Wire Cable 1 x AC Adapter 12V/ 120W		

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.