

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



OVERVIEW



International approvals for use in hazardous areas

The I330EAC-ITW-6L marine fanless computer complies with international marine standards DNVGL-CG-0339 and IEC 60945. It is constructed with closed-design metal housing with anti-vibration, compression, and a wide range of temperature resistance.



Quiet cooling and Fanless Operation

I330EAC-ITW-6L marine fanless computer is designed with efficient heat dissipation and is fanless. Effectively prevents the accumulated dust and noise inside the machine caused by fan operation and forgoes vulnerable ventilation openings.



Multiple communication protocols with 6 Giga LAN ports

To fulfill the diverse needs of industrial IoT solutions, the resilient I330EAC-ITW-6L embedded appliance comes with rich I/O interfaces, supporting multi-video output, wide-range power input, expansion port, and six GbE LAN ports.



Forward compatibility with modular design industrial computer

The I330EAC-ITW-6L computer module ensures easy integration with diverse platforms. The computer modules can be easily combined with Winmate's display modules to provide comprehensive platform solutions for industrial monitor systems and fulfill various demands of diverse applications in port management, offshore, and maritime industries.

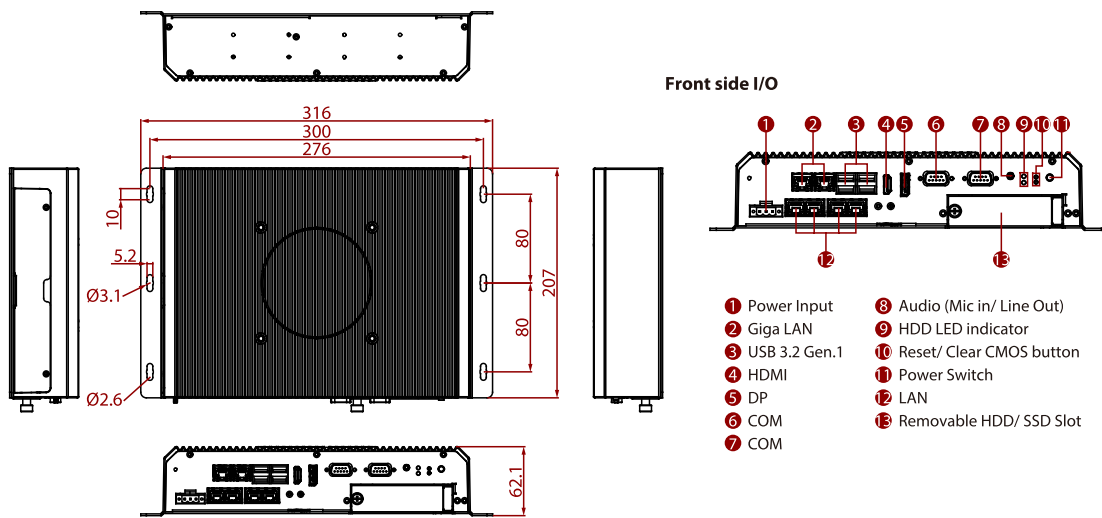
SPECIFICATIONS

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@DNVGL CG-0339 (Class A)
Certification			
Certification	CE, FCC DNVGL-CG-0339, IEC60945 4th, IACS E10		
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 64GB SSD/HDD up to 512GB (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 User Manual 1 x Power Cord 1 x Open Wire Cable 1 x AC Adapter12V/ 84W		

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.