# I330EAC-IMT

## Marinecomputer mit Intel Core Ultra 5



## KEY FEATURES

- Intel® Core Ultra 5 125U
- Ausbaubarer 2,5-Zoll-SSD-Einschub
- Multi-Video-Ausgang, DVI/HDMI/DisplayPort
- Isolierter Stromschutz 1,5 kV
- 4 digitale Eingänge / 4 digitale Ausgänge
- 8 × NMEA-0183-Anschluss

## INTRODUCTION

Der I330EAC-IMT ist ein robuster Embedded-Computer in Marinequalität, der mit dem Intel® Core™ Ultra 5 125U-Prozessor ausgestattet ist. Er wurde für zuverlässige Automatisierung und Navigation an Bord entwickelt und verfügt über acht NMEA 0183-Anschlüsse für die Integration von maritimen Sensoren, einen 1,5-kV-Isolationsschutz für die Stromversorgung sowie vielseitige Multi-Video-Ausgänge (DVI/HDMI/DisplayPort). Ausgestattet mit einem herausnehmbaren 2,5-Zoll-SSD-Schacht und 4x DI/DO bietet er sicheres, leistungsstarkes Edge-Computing für raue maritime Umgebungen und komplexe Brückenkonsolen.

## SPECIFICATIONS

### System Specification

| | | | |
|---|---|---|---|
| **Processor** | Intel Core Ultra 125U 2.1GHz (up to 4.3GHz) | **Memory** | 4GB (Default)<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional) |
| **Storage** | 1 x M.2 M-Key 2280 NVMe SSD, 128GB (Default)<br>256GB (Optional)<br>512GB (Optional)<br>1TB (Optional)<br>2TB (Optional)<br>4TB (Optional) | **Ethernet controller** | 2 x Intel® Ethernet Connection I226-X2 |
| **Operating System** | Windows 11 IoT Enterprise LTSC (64 bit) (Optional)<br>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) |

### Certification

| | |
|---|---|
| **Certification** | CE, FCC<br>DNV-CG-0339, IEC60945 4th, IACS E10 |

### IO Ports

| | | | |
|---|---|---|---|
| **USB Port** | 4 x USB 3.0 (Type-A)<br>1 x USB 3.0 (Type-C) | **Serial Port** | 2 x RS232/422/485 |
| **Video** | 1 x DVI<br>1 x Display Port (Default)<br>1 x HDMI Output (Optional) | **Audio** | 1 x Audio combo 3.5mm audio combo jack |

No. 18, Zhongxing S. St., Sanchong Dist., New Taipei City 241017 , Taiwan (R.O.C.)
Tel: +886-2-8511-0288
Website: www.winmate.com

Revised:V.260727.260728

| | | | |
|---|---|---|---|
| **Expansion Port** | 2 x 2.5" Removable SSD/HDD (Optional) | **LAN** | 2 x Giga LAN |
| **DIDO** | 8 x Isolated DIDO, 4 In/ 4out | **NMEA** | 8 x NMEA 0183 Port |

## Mechanical

| | | | |
|---|---|---|---|
| **Dimension** | 316.44 x 206.8 x 66.1 mm<br>(With Mounting) | **Weight** | 3.9 kg |
| **Mounting** | Table mount | **Enclosure** | Aluminum |
| **Cooling System** | Fanless Design | | |

## Power

| | | | |
|---|---|---|---|
| **Power Rating** | 24V DC In (Approval by Certificate)<br>9~36V DC Input Acceptable<br>(Optional) 115/230 VAC Input Acceptable | **Consumption** | 50W |

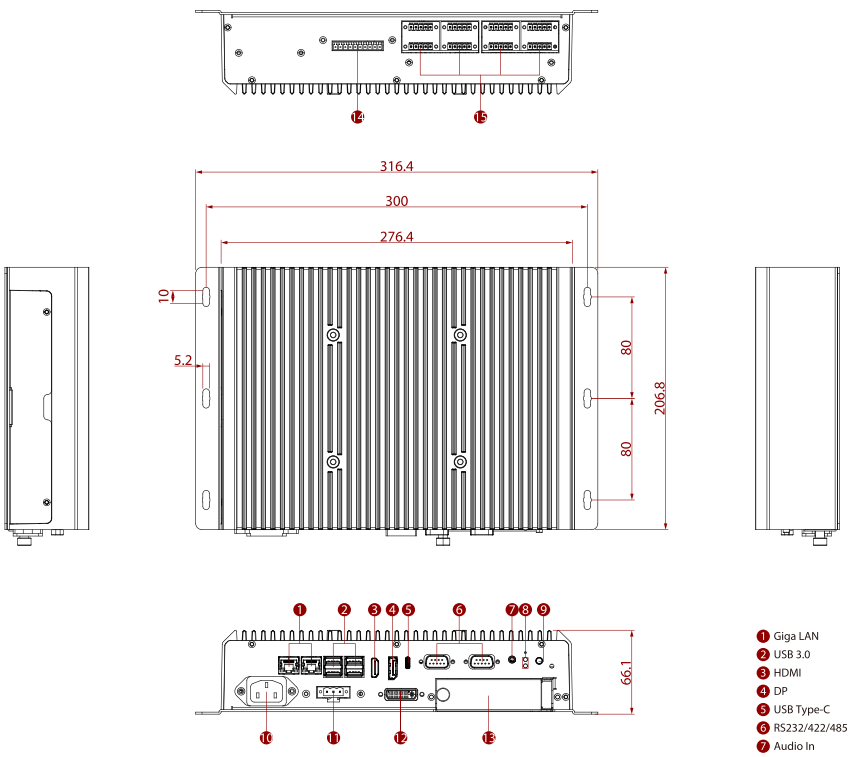
## Control

| | |
|---|---|
| **Button** | 1 x Power Button<br>1 x Reset Button |

## Accessory

| | |
|---|---|
| **Accessory** | 1 x Quick Start Guide<br>1 x Power Cord<br>1 x Open Wire Cable<br>1 x AC Adapter12V/ 84W |

## DIMENSIONS UNIT:MM







1 Giga LAN
2 USB 3.0
3 HDMI
4 DP
5 USB Type-C
6 RS232/422/485
7 Audio In
8 HDD LED indicator
9 Power Button
10 AC Input
11 DC Input
12 DVI
13 2.5" SSD Slot
14 Isolated DIDO
15 NMEA Port 0183

## 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.

* Some images or content on this page are created or enhanced using generative AI technology. All AI-generated content has been reviewed before publication.