I330EAC-IE3

Intel® Pentium® N6415 Marine computer

KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 Processor Dash panel PC
- 9~36V DC Power input acceptable

INTRODUCTION

Winmate Marine Computer Series offers high-performance computing solutions tailored for maritime environments. Powered by advanced processors, including Intel® Tiger Lake, Elkhart Lake, and Apollo Lake, these systems deliver reliable performance for navigation, vessel monitoring, and industrial automation. Designed with features such as multi-video output, isolation power protection, and support for NMEA 0183, they ensure seamless integration with marine systems. In compliance with DNVGL-CG-0339 and IEC60945 standards, the series guarantees durability in harsh conditions. With compact designs, fanless cooling, and versatile mounting options, these marine computers are ideal for a wide range of marine and industrial applications.

SPECIFICATIONS

System Specification

Processor	Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz)	**Memory**	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 B-key SSD 256GB 512GB (Optional)	**Ethernet controller**	2 x 2.5 Giga LAN RJ45 Connector
Security	TPM 2.0	**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	**IP rating**	IP66 (Front Side)

Certification

Certification	CE, FCC

IO Ports

USB Port	2 x USB3.2 Gen1x1 (Type-A)	**Serial Port**	3 x RS232
Video	1 x HDMI 2.0 (Optional)	**LAN**	2 x RJ45-10/100/1000 Mbps

Mechanical

Dimension	205 x 170 x 55 mm	**Weight**	2.3 kg
Mounting	VESA mount	**Enclosure**	Metal
Cooling System	Fanless Design		

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

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Power

Power Rating	9V~36V DC In Terminal Block

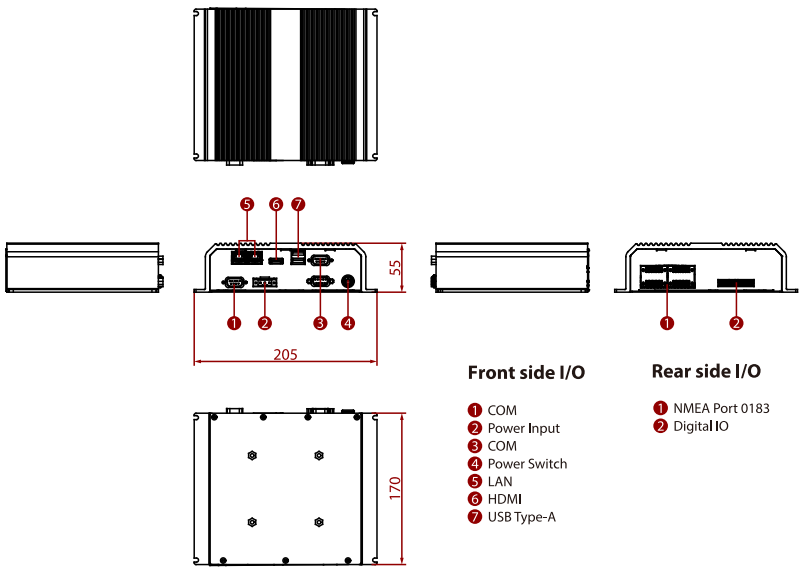
Control

Button	1 x Power Button

Accessory

Accessory	Driver CD & User Manual AC to DC Adapter 12V/ 50W Power Cord 3 pin Terminal Block to DC Jack

DIMENSIONS UNIT:MM



Front side I/O

1. COM
2. Power Input
3. COM
4. Power Switch
5. LAN
6. HDMI
7. USB Type-A

Rear side I/O

1. NMEA Port 0183
2. Digital IO

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.