INTERMARINE ELECTRONICS S.A.



ROBUST/STABLE/VERSATILE

IME 7000 FANLESS MARINE PC



FOR MARINE & INDUSTRIAL USE
VERSATILE COMPUTING



IME 7000 FANLESS MARINE PC

The greatest challenge for the marine and offshore industries when choosing hardware and equipment is balancing quality, dependability, and cost-efficiency. Our IME 7000 offers the ultimate in technology performance, convenience, cutting-edge design, and long-lasting durability.
It is built on the latest Intel i7 (4,7Ghz) 11th generation CPU with 3D Iris® Xe Graphics GPU. There are six full duplex RS232/RS422/NMEA ports that can be used to connect with any sensors like GPS, Gyro etc thus became a planning station to create routes etc.

IME 7000 is the best solution for e-navigation computing, passage planning, charts, data logging, web communication and vessel monitoring designed in a durable and compact package to withstand All-weather operations. Dust & shock proof. It is running steady in harsh environments and a wide range of temperature operation with quick heat dissipation. Comprehensive connectivity via diverse communication interfaces. High strength aluminum alloy body construction that makes IME 7000 an extremely versatile, reliable and long-lasting tool easily incorporated in virtually any marine installation condition/environment.

Certified to IEC 60945 & IACS E10 as well as complied with IMO Resolution SOLAS 74 as amended, A.813(19), & IACS UISC.194 that are mandatory for all computers installed in the bridge deck.





Key Benefits:

- Intel i7 CPU 11th generation
- Onboard 8GB up to 64GB RAM
- 6 x NMEA ports
- 6 x USB ports
- 1 x 2.5" SSD/HDD
- 1 x SSD mSATA III storage on board
- 1 x Mini PCie Expansion
- 4K Video
- Three screens to display

* All weather operation
* Windows 7, 8, 10 11 & Linux
* Wide range power input
* Wide range temperature
* Finless, no moving parts
* Rugged construction
*High reliability
*3D video
*Two years factory warranty

DESIGNED SPECIFICALLY FOR MARINE USE

Model	IME 7000 FANLESS MARINE PC
Size / Colour	28.5 x20.5 x 80mm / BLACK, Constructed with high quality aluminum case
Processor / chipset	Intel i7 11th generation. Max Turbo speed 4,6GHz, Integrated IRIS 3D CHIP
Motherboard	Industrial motherboard Mini-ITX, 170 x 170 x 18 mm, 2 x Mini PCI-Express slots
Ram socket	8 GB RAM fitted, 2 x DDR4 dual memories, up to 64 GB RAM
Graphics	HDMI, VGA Intel 3D IRIS Graphics 95 frame GPU 4096 x 2304@ 60Hz 4K Supporting Dynamic Memory Allocation (DVMT) Supporting three screens to display
Audio	HDAALC662 Onboard, line out (audio) - line in (mic)
LAN	Onboard 2 x Gigabit Ethernet RJ45 REAL TEK 1 x Intel I219 and 1 χ Intel I211
Storage HDD/SSD	Onboard 1 x 2.5'' max 2 TB Onboard 1x mSATAIII SSD storage accepts mSATA SSD - Super fast transfer rate On board 1 χ Mini PCIE SLOT
Power supply	Wide power input 100-264V AC 9-36V DC Galvanized Isolated (optional)
Front panel	4 x USB 2.0 (charging mode also) 1 x COM (RS232) 1x GPIO (8ch for event programming) Power on/off button Power indicator, disc activity indicator
Rear panel	2 x USB 3.1 high speed second generation 2 x LAN, 1 x HDMI, 1 χ VGA 5 x COM (RS232) * 6 x NMEA opto-isolated
Connectivity	2 x Wi-Fi antennas 3/4G
Operating System	Windows 7/10/11 64-bit, Linux. BIOS: AMIBIOS, support read only,Power switch, timer switch, remote switch equipment, Intelligent identification, Supporting CPU temperature monitor

Specifications may be changed without notice

INTERMARINE ELECTRONICS S.A.

16, AGION SARANTA Str., PIRAEUS 18346, GREECE • TEL: **+30 210 48.13.200**

www.intermarine.gr • www.marineminiserver.com • www.ecdisnavigator.com

sales@intermarine.gr