Blue Line Marine FPC-8700



Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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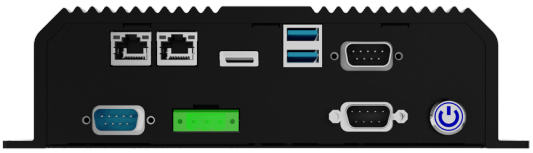

Highlights

The Blue Line Marine FPC 8700 gives you reliable computing power in a compact and space-saving design. Powered by the Intel Elkhart Lake Pentium N6415 processor, you get efficient performance for automation, monitoring, and communication systems.
Connect easily to your existing systems

The Marine FPC 8700 is designed to fit seamlessly into your onboard setup.

With dual 2.5 Gigabit LAN, USB 3.2, serial ports, optional HDMI output, and a wide 9 to 36 VDC power input, you can connect your equipment quickly and operate reliably even when power conditions vary.

This gives you a flexible platform for automation, monitoring, and communication applications.

Designed to keep you operational

When your systems need to run around the clock, reliability is essential.

The rugged metal housing, fanless cooling, and resistance to vibration and shock help ensure stable operation in harsh marine conditions.

The quad-core processor delivers fast and stable data processing, allowing your applications to run smoothly while maintaining low power consumption.

This helps you minimize downtime and keeps your critical onboard applications running with confidence.

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Tailored to your application

Every vessel has unique operational requirements.

The Marine FPC 8700 offers flexible memory, storage, and operating system options, allowing you to configure the system to match your exact needs.

Whether you need a dedicated computer for automation, monitoring, or communication, you get a solution designed to fit your application.

- Fanless Marine PC
- Fanless Marine PC
- Elkhart Lake Generation Intel Pentium processor
- Rugged anti-vibration and anti-shock design
- Wide operating temperature range
- Fanless operation for maximum reliability
- +24V DC input with 1.5KV DC isolation resistance
- Supports +9 to +36V DC input
- Extensive interface connectivity

Specifications

Model Type

Marine Fanless PC

Form Factor

Compact

Construction

Aluminum

Cooling

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Fanless

Environment

Operating Temperature	- 15°C to + 55°C
Humidity	5% to 95% (non condensing)
Anti-Vibration	0.7g@DNVGL CG-0339(Class A)
Anti-Shock	15G, 11ms duraiton

Certification

Model 1	Build to meet Marine standards
Model 1	CE & FCC

Processor

Model 1	Intel Pentium N6415 1.2GHz (Turbo 3.0GHz) 4C/4T 1.5MB Cache

Chipset

Intel SoC Integrated

Watchdog

TPM 2.0

RAM

Model 1	1x DDR4-3200 SO-DIMM (Max 16GB in total)

Storage

1 x M.2 B-Key 2242 NVMe SSD

Front Input / Output

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Model 1	1 x DC Input (Terminal Block 3pin) 2 x 1GbE LAN via RJ-45 Port 2 x USB 3.2 Gen1x1 Type A 1 x HDMI2.0 Output 3 x RS232 1 x Power Button

Rear Input / Output

Model 1	8 x Isolated DIDO, 4 In/ 4out (Programmable by S/W AP) 4 x NMEA 0183 Port

Operating System

Windows 10 / 11
Windows 10 / 11 IoT Enterprise
Linux

Power Supply

+24V DC In with 1.5KV DC Isolation Resistance (+9 to +36V DC Input Acceptable)

Power Consumption

50 W

Dimension and Weight

L 205.0 mm x W 170.0 mm x H 55.0 mm

Net weight	2.3 kg

Mounting

VESA / Wall-mount / Desktop

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Accessories Included

Wall mount kit

External AC to DC Power adapter 12V / 50W

EU Power Core

Warranty and After Sales Support

Standard 1 year (option for 3 years)

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