

Blue Line Marine FPC-8800



Highlights

Marine grade reliability and electromagnetic compatibility for all the challenges a marine environment brings. No matter the weather, the fanless anti-vibration and anti-shock Marine PC will remain running at all times. Specifically designed for marine automation, Blue Line's Marine PC will provide powerful computing and rich connectivity that ensures the applications will run effortlessly.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.

- Marine PC
- 7th Generation Intel Core i5 processor
- IEC 60945 certification
- Rugged anti-vibration and anti-shock design
- Wide operating temperature range
- Fanless operation for maximum reliability
- Supports multiple displays with VGA, DVI, HDMI output
- Easy-swap optional 2nd removable 2.5" SSD
- +24V DC input with 1.5KV DC isolation resistance
- Supports +9 to +36V DC input
- Extensive interface connectivity



BLUE LINE
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

Blue Line Marine FPC-8800

Specifications

Model Type

Marine Fanless PC

Form Factor

Compact

Construction

Aluminium

Cooling

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 duration

Certification

IEC 60945 (Test)
CE
FCC

Processor

Intel Core i5-7200U Kaby Lake 2.5GHz (turbo to 3.1GHz)

Chipset

Intel SoC Integrated

RAM

1x DDR4-2133 SO-DIMM (Max 16GB)

Storage

1 x mSATA SSD 64GB (default)
1 x 2.5" Removable SSD/HDD

Front Input / Output

1 x DC Input (Terminal Block 3pin)
2 x LAN
4 x USB3.0
1 x HDMI Output
1 x D-Sub15 (VGA) Output
1 x DVI Output
1 x RS232/422/485 port (Selectable by BIOS)
1 x Audio in Jack
1 x Audio out Jack
1 x Power Button
1 x Reset Button

Rear Input / Output

8 x Isolated DIDO, 4 In/ 4out (Optional) (Programmable by S/W AP)
8 x NMEA 0183 (Optional) (RS422/485 programmable by S/W AP)

Operating System

Windows 8 / 10
Windows Embedded Standard 8
Windows 10 IoT Enterprise
Linux

Power Supply

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

Power Consumption

40 W

Dimension and Weight

L 276.4 mm x W 206.8 mm x H 60.2 mm

Mounting

VESA / Wall-mount / Desktop

Warranty and After Sales Support

Standard 1 year (option for 3 years)



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com