Blue Line Marine Dashboard Panel PC-8700

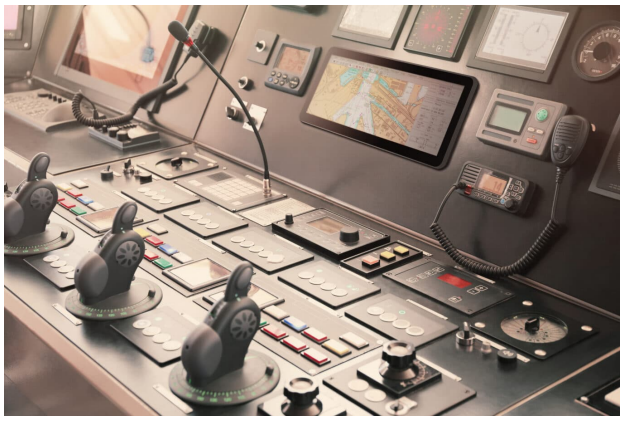


BLUE LINE
IT for Demanding Environments

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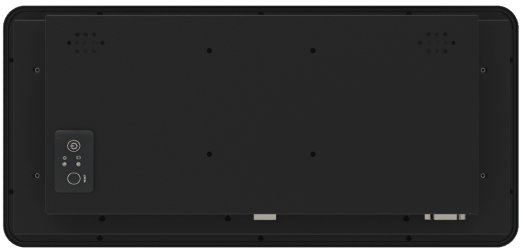
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Blue Line Marine Dashboard Panel PC-8700









Highlights

Make better use of valuable dashboard space without compromising functionality. The Blue Line Marine Dashboard Panel PC-8700 combines computing and touchscreen functionality in a single platform, giving you easy access to critical vessel and system information while reducing hardware and installation complexity.
Whether installed in a bridge console, machinery control station or onboard dashboard, you need quick access to critical information without overcrowding the workspace. The Marine Dashboard Panel PC-8700 combines computing and display functionality in a single platform, helping you reduce hardware requirements while maintaining a clear

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operational overview.

With standard and ultra-wide display options, you can present more information in a single view and make better use of available dashboard space.

Your monitoring, automation and control systems need to work together seamlessly. With support for Ethernet, serial communication, USB and optional HDMI connectivity, the Marine Dashboard Panel PC-8700 helps you integrate onboard systems without unnecessary complexity.

By combining computing and display functionality in one unit, you can simplify installation, reduce the number of components and make future maintenance easier.

Marine environments place high demands on operational equipment. The fanless design helps reduce maintenance requirements, while the rugged construction supports stable performance in environments exposed to vibration, humidity and continuous operation.

You get a responsive multi-touch interface and dependable performance that helps you maintain visibility and control throughout daily vessel operations.

- Marine Panel PC
- Available in 10.1", 12.1", 12.3" and 14.9"
- Intel® Pentium® N6415 processor
- Supports Windows 10/11 and Linux
- Projected capacitive multi-touch
- IP66 front protection
- Fanless operation for maximum reliability
- Supports +9V to +36V DC input
- Isolated +24V DC power input
- Dual Gigabit Ethernet connectivity
- RS232/422/485 serial communication
- USB 3.2 connectivity
- Optional HDMI output

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Blue Line Marine Dashboard Panel PC-8700

• VESA mounting

• Built for demanding marine environments

Specifications

Model Type

Marine Panel PC

Construction

Metal housing with powder coating

Cooling

Fanless

Ingress Protection

IP66 Front - IP54 Rear

Environment

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

Certification

Build to meet Marine standards

CE & FCC

Display

10.1"	1280 x 800, 16:10 WXGA	LCD
12.1"	1024 x 768, 4:3, XGA	LCD

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12.3"	1920 x 720, 8:3, UW-HD	LCD
14.9"	1920 x 720, 8:3, UW-HD	LCD

Touch

Projected capacitive multi touch

Brightness

10.1"	350 nits
12.1"	500 nits
12.3"	1000 nits
14.9"	950 nits

Viewing Angle

10.1", 12.1"	89°/89°/89°/89°
12.3"	88°/88°/88°/88°
14.9"	85°/85°/85°/85°

Processor

Intel Pentium N6415 4C/4T (1.5M Cache, up to 3.0GHz)

Chipset

Intel SoC

Watchdog Auto reset for unresponsive system (custom 1-255 sec/min settings in BIOS)

RAM

1 x SO-DIMM DDR4 3200 MHz, Support up to 16GB

Storage

1 x Internal M.2 B-Key 2242 256GB NVMe SSD (up to 2TB)

Rear Input / Output

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Ethernet LAN:	2 x Intel Controller I211AT + PHY I219LM 1GbE via RJ45 Port
COM (D-SUB):	2 x RS232/422/485
USB (Type-A):	2 x USB3.2 Gen1x1
HDMI:	1 x HDMI (Optional)
Power input isolated +24V DC In w/ 3-PIN terminal block (+9~36V acceptable)	

Operating System

Windows 10 / 11

Windows 10 / 11 IoT Enterprise

Linux

Power Supply

110~230V AC to DC External Power Adapter w/ EU Power Core

Power Consumption

10.1", 12.1",12.3" and 14.9"	TBD W typical, normal operation

Mounting

VESA 75x75 mounting

Dimension and Weight

10.1"	H172.0 x W263.28 x D 35.7mm	3.0Kg
12.1"	H226.7 x W296.2 x D 45.5mm	2.3Kg
12.3"	H 146.5 x W 325.02 x D 44.9mm	3.5Kg
14.9"	H 187.6 x W 400.1 x D 59.0mm	4.8Kg

Accessories Included

+110V to +240V AC to DC power supply

Accessories Optional

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AR Safety Glass Options	3mm Anti-reflective protection glass

Warranty and After Sales Support

Standard 1 year (option for 3 years)

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