Blue Line Fanless FPC-7200

Model 1

Model 1

Highlights

Blue Line Fanless FPC-7200 is one of the first industrial computers supporting Intel 10th generation processors. In the least possible space, you get an efficient and modern industrial computer for 24/7 operation in many types of environments. High performance industrial pc with a large range of options and configurations.

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.

Model 1

Model 2 - 4

- Intel 10th Gen. Core i3 / i5 / i7 / i9 processor
- Supports 2 x 2.5" drives w. RAID
- Option for PCI, PCIe x16, PCIe x8
- 6 x COM, 8 x USB, 3 x GbE, DIO
- Windows 10
- Wide temp -20°C to 70°C
- Wide range DC input (9 to 36V)
- Fanless operation
- Build-to-order configured to the requirements

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 Fanless FPC-7200

Specifications

Model Type

Fanless PC

Form Factor

Compact

Construction

Aluminium

Cooling

Fanless

Environment

Operating temperature	-20°C to 70°C, ambient w/ air flow, (w/ 35W TDP CPU) -20°C to 55°C, ambient w/ air flow, (w/ 65W TDP CPU)
Storage temperature	-40°C to +85°C
Humidity	10% to 95%

Certification

CE / FCC class A

Processor

Intel Core 10th gen. i3 / i5 / i7 / i9 (w/ 65W TDP CPU)

Chipset

Intel H420E

Option Intel W480E *

1 x Intel WGI225LM 2.5GigE LAN

1 x Intel WGI211AT GbE controller

1 x Intel WGI219LM GbE controller (w/o iAMT, H420E) (w/ iAMT, W480E)

RAM

2 x 260-pin DDR4 SO-DIMM sockets, supporting 2933 MHz SDRAM up to 64GB

Storage

2 x 2.5" SATA drive bays

1 x CFast socket, can be outside accessible

* RAID 0.1 support (W480E only)

Front Input / Output

6 x USB 3.2

1 x VGA *

1 x DVI-D *

3 x antenna output for option GPS / 4G / WIFI / BT

1 x 1GbE LAN via RJ45 Port

1 x DB25 connector for DIO (8 in/8 out) port or LPT port (either one, default is DIO)

* Supports 3 independent displays (W480E, only)

Rear Input / Output

2 x RS-232/422/485 configurable via DB-9 connectors

4 x RS-232 ports via DB-9 connectors

2 x USB 2.0 ports

1 x 1GbE LAN via RJ45 Port

1 x 2.5GbE LAN via RJ45 Port

1 x HDMI *

Mic-in/Line-out

Ignition Switch 2-pin teminal block : IGN, GND (Power on/off delay control)

* Supports 3 independent displays (W480E, only)

Expansion

Model 1	1 x full-size, 1 x SIM socket 1 x half-size mini-card interconnected for optional WiFi / 3G / 4G / GPS / I/O expansion 1 x M.2 E key (2230) with PCIex1+USB2.0, for Wireless
Model 2	1 x PCIe x16 slot +1 x PCI slot *
Model 3	1 x PCIe x16 slot +1 x PCIe x8 slot (via x 1 lane) *
Model 4	2 x PCI *
* Maximum add-on expansions card size	Slot 1: H140 x L190mm Slot 2: H140 x L265mm

Operating System

Windows 10

Windows 10 IoT Enterprise

Linux

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Power Supply

DC 9 to 36V input (w/ 4-pin DC input terminal block, combining remote power on/off switch)

Power Consumption

Max 65W (w/35W TDP CPU, w/o I/O card)

Max 95W (w/65W TDP CPU, w/o I/O card)

Dimension and Weight

Model 1	H 90 x W 225 x D 292mm
Model 2, 3 and 4	H 120 x W 225 x D 292mm
Weight	7 to 8kg

Mounting

Wall-mount

Accessories Included

TPM 2.0 (Trusted Platform Module)

Accessories Optional

Wall mounting

120W AC/DC adapter kit w/ 2-pin/3-pin/4-pin block

180W AC/DC adapter kit w/ 2-pin/3-pin/4-pin block

LTE/4G Modem w/ Antenna kit

WIFI/BT w/ Antenna kit

GPS w/ Antenna kit

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

500

MOQ 50pcs. for W480E Chipset version