Blue Line Fanless FPC-7100

Model 1

Model 1

Highlights

High performance industrial fanless pc with PCI / PCIe options

- Intel 6 / 7th gen core processor
- Supports 2 x 2.5" drives w. RAID
- Option for PCI, PCIe x16, PCIe x4
- 4 x COM, 6 x USB, 3 x GbE, DIO
- Supports Windows 7 / 8 / 10
- Wide temp -20°C to 55°C
- Wide range DC input (9 to 36V)
- Fanless operation
- Build-to-order configured to the requirements

Model 1

Model 2 - 4

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-7100

Specifications

Model Type

Fanless PC

Form Factor

Compact

Construction

Aluminium

Cooling

Model 1 Model 2 - 4	Fanless
Model 5	Smart Fan

Environment

Operating temperature	-20°C to +55°C ambient w/ air flow
Storage temperature	-40°C to +75°C
Humidity	10% to 95%

Certification

CE / FCC class B

Processor

Intel Xeon 6th gen. E3
Intel Core 6th / *7th gen. i3 / i5 / i7 (Up to 35W TDP)

Chipset

Intel C236 with Integrated Intel HD Graphics

RAM

Up to 32GB, two 260-pin DDR4 SO-DIMM 2133 MHz SDRAM

Storage

2 x 2.5" SSD / HDD drive bays
1 x External CFast

Front Input / Output

6 x USB 3.0
1 x RJ-45 LAN: Intel WGI219LM GbE controller w/ iAMT 11.0
2 x RJ-45 LAN: Intel WGI211AT GbE controllers
1 x VGA, 1 x DVI-D

Rear Input / Output

4 x RS232, 2 x RS232 / 422 / 485
1 x HDMI, 1 x Display ports,
1 x Digital I/O (8 in/8 out) or LPT through DB25
1 x Line-out, 1 x mic-in
Option 4 only support 2 x RS232 / 422 / 485

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
Model 2	1 x PCIe x16 slot, 1 x PCI slot
Model 3	1 x PCIe x16 slot, 1 x PCIe x8 slot (support x 4 lanes)
Model 4	2 x PCI
Model 5	1 x PCIe x16 slot, 1 x PCIe x8 slot (support x 4 lanes) 6 x RJ-45 GbE LAN ports for PoE Smart FAN setup

Operating System

Windows 7* / 8 / 10
Windows Embedded 7* / 8
Windows 10 IoT Enterprise
Linux
*(7th gen CPU do not support Windows 7)

Power Supply

+9V to +36V DC-in by 4pin terminal block

Power Consumption

Standart (w/o I/O card)	Max 75W
Option 1to 4	Max 120W
Option 5	Max 180W

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Dimension and Weight

Standard	H 80 x W 225 x D 292mm
With expansion option 1 to 5	H 120 x W 225 x D 292mm

Mounting

Wall / DIN RAIL

Accessories Optional

120W AC to DC power adapter

WIFI modul / 3G or 4G modul

Wall / DIN RAIL mounting

AOC Smart-FAN for Option 1,2,3, and 5

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

501