

Blue Line Fanless FPC-7100



Model 1



Model 1

Highlights

High performance industrial fanless PC with PCI / PCIe options.

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.

- 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	Fanless
Model 2 - 4	
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



BLUE LINE
IT for Demanding Environments

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

Blue Line Fanless FPC-7100

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



BLUE LINE
IT for Demanding Environments

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