# Blue Line Fanless FPC-2600 DIN RAIL




Model 1



Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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Model 1





Model 4




Model 3



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# Blue Line Fanless FPC-2600 DIN RAIL



Model 2



Model 1, 2, 3 & 4



## Highlights

Deploy reliable edge computing in space-constrained industrial environments. The Blue Line Fanless FPC-2600 DIN Rail combines high-performance processing, compact DIN rail installation and fanless reliability to support automation, IIoT and industrial control applications.

Control cabinets often leave little room for computing hardware. The FPC-2600 delivers powerful processing in a compact DIN rail form factor, helping you simplify installation while supporting automation, machine control and industrial networking applications.



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Industrial environments demand reliable systems that operate around the clock. The fanless design, wide operating temperature range and industrial construction help ensure stable performance in demanding automation and edge computing installations.

- Intel Atom to 11th Gen. Core i7 Mobile
- Hailo-8 AI acceleration modules
- Windows 10 / 11
- Up to 2 x COM, 5 x USB, 4 x GbE
- Compact design
- Wide temp -40°C to 60°C
- DIN RAIL mounting
- Fanless operation
- Build-to-order configured to your requirements

## Specifications

### Model Type

Fanless PC

### Form Factor

Compact

### Construction

Aluminium

### Cooling

Fanless

### Environment



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# Blue Line Fanless FPC-2600 DIN RAIL

| | |
|---|---|
| | -40°C to +60°C, with wide temp SSD |
| Operating temperature | -20°C to +60°C  with wide temp SSD (Model 3 - J6412 CPU) |
| Storage temperature | -20 to 70 °C |
| Humidity | 95% @ 40°C (non-condensing) |

## Certification

CE / FCC class A

## Processor

| | |
|---|---|
| Model 1 & 2 | Intel Core i3-1115GRE UP3 2C/4T 2.2GHz (Turbo 3.9GHz) 15W TDP |
| | Intel Core i7-1185GRE UP3 4C/8T 1.8GHz (Turbo 4.4GHz) 15W TDP |
| | Intel Atom x6413E 4C/4T 1.5GHz (Turbo 3GHz) 9W TDP |
| Model 3 | Intel Celeron J6412 4C/4T 2GHz (Turbo 2.6GHz) 10W TDP |
| Model 4 | Intel Core i5-1335UE 10C/12T 1.3GHz (Turbo 4.5GHz) 15W TDP |

## Chipset

| | |
|---|---|
| Model 1 & 2 | Intel Tiger Lake-UP3 SoC<br>Intel Elkhart Lake SoC |
| Model 3 | Intel UHD Graphics, support DirectX 12 & OpenGL 4.5 |
| Model 4 | Intel Raptor Lake SoC |

## RAM

| | |
|---|---|
| Model 1, 2 & 3 | 1 x DDR4 SODIMM socket, max. 32GB 3200MHz |
| Model 4 | 1 x DDR5 SODIMM socket, max. 32GB 5200MHz |

## Storage


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| | |
|---|---|
| | 1 x M.2 B key type 3042 (PCIe x2 / USB 3.0) |
| Model 1 & 2 | 1 x M.2 M key type 2242 (PCIe x4 / SATA), supports NVMe / SATA |
| | 1 x M.2 B key type 2242 / 3042 (PCIe x2 / USB 3.0) |
| Model 3 | 1 x M.2 B key type 2242 (PCIe x2 / USB 2.0) supports NVMe only |
| | 1 x M.2 B key type 3042 (PCIe x2 / USB 3.2 / 2.0) |
| Model 4 | 1 x M.2 M key type 2280 (PCIe x4 3.0 / SATA) supports NVMe |

## Front Input / Output

| | |
|---|---|
| | 4 x Intel GbE (1 x I219LM and 3 x I210IT) |
| | 3 x USB 3.2, 2 x USB 2.0 |
| | 2 x RS232 / 422 / 482 |
| Model 1 | 1 x HDMI |
| | 1 x Push-push Nano SIM slot (Internal M.2 Modem required) |
| | (Option for 4DI / 4DO) |
| | 3 x 2.5GbE (Intel I225IT) |
| | 2 x USB 3.2, 2 x USB 2.0 |
| | 2 x RS232 / 422 / 485 |
| Model 2 | 4 x HDMI |
| | 1 x Push-push Nano SIM slot (Internal M.2 Modem required) |
| | (Option for 4DI / 4DO) |


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# Blue Line Fanless FPC-2600 DIN RAIL

| | |
|---|---|
| | 3 x 2.5GbE (Intel I225IT) |
| | 2 x USB 3.0, 3 x USB 2.0 |
| | 2 x RS232 / 422 / 485 |
| Model 3 | 2 x HDMI |
| | 1 x Push-push Nano SIM slot (Internal M.2 Modem required) |
| | (Option for 4DI / 4DO) |
| | 4 x 2.5GbE (Intel I226) |
| | 3 x USB 3.2 Gen1, 2 x USB 2.0 |
| | 2 x RS232 / 422 / 485 |
| Model 4 | 1 x HDMI |
| | 1 x Push-push Nano SIM slot (Internal M.2 Modem required) |
| | (Option for 4DI / 4DO) |

## Expansion

| | |
|---|---|
| Model 1 & 2 | 1 x M.2 B key type 3042 (PCIe x2 / USB 3.0) |
| | 1 x M.2 M key type 2242 (PCIe x4 / SATA) |
| Model 3 | 1 x M.2 B key type 2242 / 3042 (PCIe x2 / USB 3.0) |
| | 1 x M.2 B key type 2242 (PCIe x2 / USB 2.0) |
| Model 4 | 1 x M.2 B key type 3042 (PCIe x2 / USB 3.2 / 2.0) |
| | 1 x M.2 M key type 2280 (PCIe x4 3.0 / SATA) |

## Operating System

Windows 10 / 11

Windows 10 IoT Enterprice

Linux



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# Blue Line Fanless FPC-2600 DIN RAIL

## Power Supply

| | |
|---|---|
| Model 1 | DC-Jack or 2-pin input: +12V |
| Model 2 & 4 | DC-Jack or 2-pin input: Wide range +9 to 36V |
| Model 3 | DC-Jack or 2-pin input: Wide range +9 to 24V |

## Power Consumption

TBD

## Dimension and Weight

| | | |
|---|---|---|
| Model 1, 2, 3 & 4 | H 71.9 x W 141 x D 111.2mm | Net weight: 1.5kg / gross weight: 1.7kg |

## Mounting

Wall / stand

DIN RAIL

## Accessories Optional

GPS modulmoduletenna kit

Bluetooth / WiFi module + antenna kit

5G / 4G LTE module + antenna kit

Hailo-8 AI acceleration module (only for model 3)

SuperCAP / Battery UPS (Extended Chassis neede)

Digital Input & Output 4DI / 4DO, 2x 5Pin 2.0 wafer Connector, Range DC 80V/50mA max, isolation protection 3750Vrms

60W AC to DC external power adapter

Wall mount kit

DIN RAIL mounting kit

Dust cover kit for I/O port

Smart Keeper Professional for physical I/O port security

## Warranty and After Sales Support

Standard 1 year (option for 3 years)



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## Ordering Information

488



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