Blue Line Thin Client Fanless FPC-3200



BLUE LINE
IT for Demanding Environments

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Highlights

Keep your industrial applications running efficiently with a Thin Client designed for demanding environments. The Blue Line Thin Client Fanless FPC-3200 combines powerful computing performance, flexible connectivity and fanless reliability to help you manage HMI, SCADA and automation systems with confidence.
As your automation systems become more advanced, reliable computing performance becomes increasingly important. The Thin Client Fanless FPC-3200 provides the power needed for HMI, SCADA and production monitoring, helping you maintain stable operation while supporting future growth.

Expanding your automation system should be straightforward. The Thin Client Fanless FPC-3200 offers flexible connectivity and configuration options that simplify integration into existing industrial environments, helping you connect displays, controllers and networks with minimal complexity.

- Intel 12th Gen Alder Lake processor
- Intel® Core™ processor
- Fanless operation for maximum reliability
- Supports Windows 10 / 11 & Linux
- Dual Gigabit Ethernet
- Multiple display outputs

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Blue Line Thin Client Fanless FPC-3200

- Flexible industrial I/O
- Wall / VESA mount
- Built for HMI, SCADA and industrial automation

Specifications

Model Type

Fanless PC

Form Factor

Compact design

Construction

Aluminum heatsink and black steel chassis

Cooling

Fanless

Environment

Operating temperature	0°C to +60°C ambient w/ air flow and option for -30°C to +70°Cwith wide temp MEM / SSD
Storage temperature	-40°C to +85°C
Humidity	10% to 90% @40°C non-condensing
Vibration	IEC 60068-2-64 2Grms / 5 to 500Hz (random) / operation
Shock	IEC 60068-2-27 50G peak acceleration (11 msec. Duration) / operation
Ingress Protection	IP20

Certification

CE/FCC Class A

UKCA, LVD

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UL 61010-2-201

Processor

Intel Celeron N97 4C/4T 3.6GHz, 12W TDP

Option: Intel Atom x7425E 4C/4T 3.4GHz, 12W TDP

Chipset

Intel SoC

TPM 2.0 (Intel PTT)

Watchdog Timer (0~256 steps)

RAM

Up to 32GB, 1 x 262-pin DDR5 SO-DIMM 4800MHz

Storage

1 x M.2 B+M key 2242, supports SATA SSD

Front Input / Output

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4 x USB 2.0 Type A

2 x 2.5GbE RJ45 port by Intel i226V/IT

2 x RS-232/422/485 DB9 port - COM1&2

1 x DP++ 1.4

1 x HDMI 2.0b

8 x GPIO (4-IN/4-OUT, 3.3V / 5V hardware-selectable)

1 x Line-out 3.5mm Phone Jack connector

1 x 3-PIN DC power input via Terminal Block

1 x 2-PIN power switch

1 x Grenn power LED light

1 x Ground screw

2 x PreCut SMA holes for antennas

Expansion

1 x Mini PCIe 3027/3051 for optional WIFI / Bluetooth

1 x M.2 B key 3042/3052 for optional 4G / 5G / GPS

Rear I/O expansion Option A

UART: 4 x RS-232/422/485 (BIOS selectable)

GPIO: 8 x GPIO (4-IN/4-OUT, 3.3V / 5V hardware-selectable)

Rear I/O expansion Option B

2 x USB 2.0 (Type-A)

2 x LAN ports (RJ-45)

Operating System

Windows 10 / 11

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Windows 10 / 11 IoT Enterprise

Linux (Ubuntu 20.04/22.04)

Power Supply

+9V to +36V DC-in by 3-pin terminal block

Power Consumption

Max. power consumption: 27W

Dimension and Weight

H 200,0 x W 55,0 x D 140,0mm

2,2kg (gross weight 3,2kg)

*All dimension & weight are without DIN or Wall mount kit

Mounting

DIN-RAIL

Wall mount

Accessories Included

Wall mount kit

AC to DC 12V/60W Power adapter with 3-pin Terminal block

Accessories Optional

DIN-RAIL kit

GPS module + antenna kit

WIFI / Bluetooth module + antenna kit

4G/5G/LTE module + antenna kit

120W DIN-RAIL AC/DC adapter (85~276V AC to 12V DC @ 10A)

Dust cover kit for I/O port

Smart Keeper Professional for physical I/O port security

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Warranty and After Sales Support

Standard 1 year (option for 3 years)

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