Blue Line IGPU-5200

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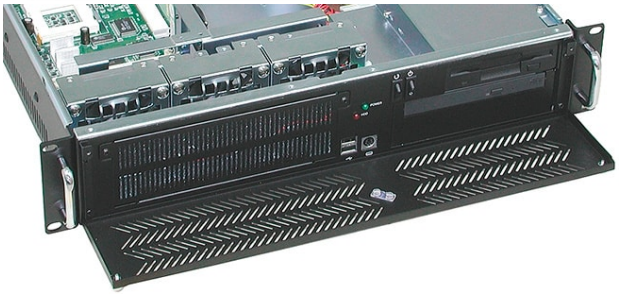

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Highlights

High performance GPU solution for AI and deep learning inference platform.
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.

- Extended product life cycle
- Short-depth industrial chassis
- 2U rack mount chassis
- 1 x double-slot GPU / FPGA / VPU
- 11th generation Intel Core CPU
- Supports PCIe & PCI
- Supports Windows 10 / 11 / Linux
- Build-to-order configured to the requirements

Specifications

Model Type

GPU

Form Factor

2U rackmount

Construction

Heavy duty cold rolled steel

Cooling

3 x front fan 80mm for GPU/CPU air cool (with dust filter)

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Environment

Operating temperature	0°C to 60°C (-20°C to 60°C w/wide temp. Grade SSD & MEM)
Humidity	5% to 95%, non-condensing

Certification

CE / FCC class A

Processor

Intel Core 11th generation i3 / i5 / i7 / i9 (up to 125W TDP)
Intel Pentium Gold Series
Intel Celeron G Series

Chipset

Intel Q470
Integrated Intel UHD graphics 750/710, supports OpenGL 4.5 and DirectX 12.1
Intel PTT (TPM 2.0)
Watchdog timer software programmable supports 1 to 255 sec. System reset

RAM

4 x 288-Pin DDR4 2933MHz UDIMM, supports up to 128GB

Storage

1 x 5.25" drive bay
1 x 3.5" drive bay
(Option for internal 2.5" / 3.5" HDD / SSD)

Input / Output

Front:
2 x USB 2.0
Power on/off button
Power status LED & HDD activity LED

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Panel door with keylock & thumbscrew

Expansion

1 x PCIe x16 3.0
1 x PCIe x1 3.0
2 x PCI
1 x M.2 A key (2230) w/PCIe x2/USB 2.0
1 x M.2 M key (2280/2242) w/PCIe x4/SATA
1 x M.2 B key (3042/3052/2242/2280) w/PCIe x2/USB 2.0

Operating System

Windows 10 / 11
Windows 10 IoT Enterprice
Linux

Power Supply

Industrial PSU 650W ATX 12V v2,3, 80mm double ball bearing FAN, full range AC input, 80 PLUS Gold
IEC 62368-1 compliant
ErP Lot 6 2013 compliant
EMI/EMC: CE Class B and FCC Class B, RCM
Safety: cTUVus , TUV, CB, CCC, BSMI, RCM (SAA)
Option for 350W, 750W, 850W & 1000W PSU
Option for redundant 500W PSU

Power Consumption

TBD

Dimension and Weight

19"	H 88 x W 427 x D 450mm
Package	TBD
Net weight	16 kg (standard configuration)
Gross weight	21 kg (standard configuration)

Mounting

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Rack mount

Accessories Included

Rack mount kit

Accessories Optional

1 x 2.5" rugged hot swap w/Thumbscrews and key lock in 3.5" bay

2 x 2.5" trayless hot swap w/key lock in 3.5" bay

4 x 2.5" trayless hot swap w/key lock in 5.25" bay

Rack mount slide rail kit

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

1808

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