Blue Line IGPU-3100



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

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Highlights

Blue Line IGPU-3100 is a compact, powerful and advanced GPU solution that offers high performance and can be configured based on individual needs.It is specifically designed for AI and deep learning inference platforms, making it an ideal choice for those in need of efficient and modern computing power. Built for 24/7 operation in various environments.
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

• Compact chassis

• 1 x double-slot GPU up to 230W TDP

• 12th generation Intel Core CPU

• Supports Intel VMD

• Supports Windows 10 / 11 / Linux

• Build-to-order configured to the requirements

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Specifications

Model Type

GPU

Form Factor

Compact with front I/O only

Construction

Aluminum extrusion heavy duty cold rolled steel

Cooling

Fanless with standard configuration
Option external add-on fan for CPU
Option internal add-on fan for GPU

Environment

Operating temperature	0°C to +60°C w/ 0,7m/s ambient air flow (-20°C to +60°C with wide temp MEM / SSD)
Humidity	10% to 90%, non-condensing
Vibration Endurance	IEC 60068-6-4 (W/SSD: 1Grms STD, random, 5-500 Hz, 1 hr/axis)

Certification

CE (EN 61000-6-4/EN 61000-6-2), FCC

Processor

Intel Core 12th generation i3 / i5 / i7 / i9 (up to 35W TDP)

Chipset

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Intel Q670E

RAM

Up to 64GB, 2 x 262-pin DDR5 SO-DIMM 4800/4000MHz

Storage

2 x 2.5" SSD / HDD drive bays with easy access

Supports RAID 0/1

Input / Output

6 x USB 3.2 Gen2x1 (10G) Type A

1 x Internal USB 2.0 Type A (Up to 30mm high)

1 x 2.5GbE RJ45 Port by Intel i226-V

1 x 1GbE RH45 Port by Intel i219-LM with Intel AMT

1 x RS-232/422/485 DB9 Port - COM1

1 x DisplayPort++ with 4096 x 2160 resolution supported

1 x HDMI with 4096 x 2160 resolution supported

1 x DVI-D with 1920 x 1200 resolution supported

1 x 3.5mm jack for Mic-in and Line-out

1 x Switch for power on/off with LED (default ATX)

1 x 4-pin TB (5.08 mm) for DC input

1 x 4-pin TB (5.08 mm) for ignition control, remote power and remote LED

Expansion

1 x Full-size PCI express mini card slot (USB & PCIe interface) w/SIM slot*

1 x M.2 key E 2230 socket

1 x M.2 key B 3042/3050/3052/3060 socket w/SIM slot*

1 x PCIe x 16 gen4

1 x PCIe x 4 gen4 (in x8 Slot)

*Require 4G / 5G module

Management Software

TPM 2.0

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Operating System

Windows 10 / 11
Windows 10 IoT Enterprise
Linux

Power Supply

+18V to +36V DC-in by 4-Pin terminal block

Power Consumption

TBD

Dimension and Weight

	H 192 x W 170 x D 260mm
Net weight	5.1kg (standard configuration)
Gross weight	6.2kg (standard configuration)

Mounting

Wall mount

Accessories Included

1 x 4-pin terminal block for DC power input
1 x 4-pin terminal block for Ignition
1 x Extension holder bracket kit

Accessories Optional

Wall mount bracket kit
Internal fan module kit
External fan module kit
Graphics card power cable ATX4P/BTX6 + 2P, L=200mm
500W AC to DC Power adapter, 24V DC
EU power core
GPS module + antenna kit

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WIFI/BT module + antenna kit

4G/LTE module + antenna 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)

Ordering Information

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