Blue Line Jetson Orin IGPU-1000

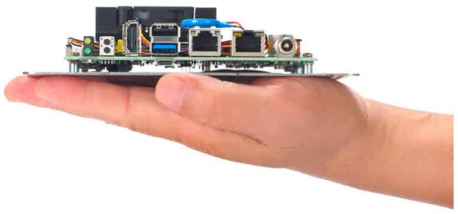


BLUE LINE
IT for Demanding Environments

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

Blue Line Jetson Orin IGPU-1000









Highlights

Ultra-compact GPU Solution for AI and deep learning inference platform for robots and machine vision.
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.

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Blue Line Jetson Orin IGPU-1000

• Powered by NVIDIA Jetson Orin Nano (up to 40 TOPS)

• 1 USB 2.0, 1 USB 3.2 Gen2, 1 GbE

• Supports one 15W GbE PoE for camera

• 1 M.2 M-Key NVMe SSD slot

• 1 PCI express mini card slot

• JetPack supported

Specifications

Model Type

GPU

Form Factor

SOM

Cooling

Fan

Environment

Operating temperature	-10°C to +60°C
Humidity	10% to 95% (non-condensing)
Vibration Endurance	3 Grms with M.2

Certification

CE / FCC class A

Processor

CPU 6-core Arm Cortex-A78AE v8.2 64-bit CPU 1.5MB L2 + 4MB L3

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RAM

Model 1	Onboard 4GB 64-bit LPDDR5
Model 2	Onboard 8GB 128-bit LPDDR5

Storage

1 x M.2 Key M 2280 with PCIe x4 NVMe SSD slot

Input / Output

1 x HDMI 1.4 supported
1 x 10/100/1000 Mbps Ethernet (via Jetson Orin Nano)
1 x 10/100/1000 Mbps PoE (Intel I210-IT; max. up to 15W)
1 x USB 3.2 Gen2, 1 x USB 2.0
1 x DIO (pin header)
1 x Micro USB
1 x Recovery switch
1 x Reset button
1 x Power button
1 x 12 VDC power input connector

Expansion

1 x Full-size PCI express mini card slot (USB + PCI express signal)
1 x SIM slot

Management Software

Supports 24/7 secure remote monitoring, control, and OTA deployment empowered by Allxon

Operating System

OS Support Linux Ubuntu 20.04 or later

Power Supply

12 VDC screw type

Dimension and Weight

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Dimension	H 37.7 x W 165 x D 117mm
Weight	0.3kg/0.9kg

Accessories Included

1 x DIO cable

Accessories Optional

M.2 NVMe SSD 128GB or more

*The models require an SSD for image installation. Kindly order the SSD if you need image installation service.

LTE module
Wi-Fi module
Power cord
12V/60W adapter
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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