Blue Line Jetson IGPU-900



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

Blue Line Jetson Orin Nano IGPU-900, is an innovative industrial computer series designed for DIN RAIL or WALL mounting.
Featuring NVIDIA Jetson Orin Nano, this fanless PC offers exceptional performance and durability, making it perfect for use in a wide range of industrial environments. With its cutting-edge technology and customizable configurations, the Blue Line Jetson Orin IGPU-900 is the ideal choice for businesses looking for a reliable and efficient industrial computer for continuous operation.

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.

• Powered by NVIDIA Jetson Orin Nano

• Up to LPDDR5 8GB

• Multiple I/O interface connections for data collection

• Gigabit LAN, USB 3.1, serial port, CAN-FD

• Wide temp -20?C to 50?C

• DIN RAIL mounting

• Fanless operation

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• Build-to-order configured to your requirements

Specifications

Model Type

AI Box-pc

Form Factor

Ultra Compact

Construction

Aluminium

Cooling

Fanless

Environment

Operating temperature	-20 °C to 50 °C
Storage temperature	-40 °C to 85 °C
Humidity	10% to 95% (non-condensing)

Certification

CE / FCC class A

Processor

Model 1	NVIDIA Jetson Orin Nano 6-core Arm Cortex-A78AE v8.2 64-bit CPU 512 Cuda core NVIDIA Ampere architecture GPU with 16 Tensor Cores

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Model 2	NVIDIA Jetson Orin Nano 6-core Arm Cortex-A78AE v8.2 64-bit CPU 1024Cuda core NVIDIA Ampere architecture GPU with 32 Tensor Cores

RAM

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

Storage

1 x M.2 M key 2280, supports NVMe

128GB NVMe SSD that fits above included

Input / Output

1 x CAN bus

1 x Micro USB for console

1 x USB 2.0, type-A

1 x HDMI 2.0-out display

2 x GbE LAN, RJ45 ethernet

3 x USB 3.1, type-A

Expansion

1 x SIM card slot

1 x Micro SD slot

1 x M.2 E-Key 3042/3052

Operating System

Linux (NVIDIA Jetpack 5.1 and above)

Power Supply

Power connector terminal block

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Power Consumption

Max 15W

Dimension and Weight

H 114 x W 102 x D 60.7mm

0.65kg

Mounting

DIN-RAIL

Wall Mount

Accessories Included

1 x 3-pin Terminal block connector

Accessories Optional

Cable kit M.2 B key 3042 CAT4 4G

Adapter (in:100 to 240V / out: DC12V 5A 60W)

Power cord EU

Power cord US

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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