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DSBOX-ORN-LAN

ORIN NANO INDUSTRIAL BOX PC with DUAL LAN

HIGHLIGHTS

- NVIDIA Jetson Orin Nano Super Mode Support
- Up to 67 TOPS Advanced AI performance
- Dual LAN connectivity
- Robust power design
- Multiple connectivity options
- Ideal for autonomous systems, robotics, and video analytics
- Rugged, compact design for industrial environments
- Excellent heat dissipation and shock protection
- Wide operating temperature and voltage range

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson Orin Nano 4GB / 8GB
Memory	4 GB 64-bit LPDDR5 / 8 GB 128 bit LPDDR5
Graphics Interfaces	1x HDMI 2.0(max resolution 3840x2160)
Interfaces	2x Gigabit Ethernet 3x USB 3.1 Type-C 1x CAN Bus 1x RS232 & 1x RS422 2x Digital Input 2x Digital Output
Wireless Communication	WiFi/Bluetooth Connectivity by extension sockets
Power Supply	9-28 VDC
Extension Sockets	1x M.2 Key-E
Mass Storage	2x M.2 Key-M SSD Slot
Ambient Conditions	-25°C ... +55°C
Form Factor / Dimensions	110 mm x 130 mm x 67 mm, 765 gr
Operating Systems	Ubuntu Linux 20.04 / 22.04
JetPack Support	JetPack 5.x / 6.x

DSBOX-ORN-LAN is a powerful and reliable industrial computing device with dual LAN connectivity, suitable for industrial applications that require high processing power and ruggedness, such as autonomous driving, robotics, and intelligent video analytics. Built around the NVIDIA Orin SoC, featuring NVIDIA Ampere™ GPU architecture with 64-bit operating capability, it provides. The processing power required for complex industrial applications such as autonomous driving, robotics, and intelligent video analytics.

DSBOX-ORN-LAN has a rugged and compact design optimized for industrial environments. It is built with an aluminum chassis that provides excellent heat dissipation and protection against dust, shock, and vibration. The device features a wide operating temperature range and a wide input voltage range to ensure reliable operation in harsh industrial environments.

Transportation | Robotics | Smart Retail

Industrial & Manufacuring | Smart City Applications | Autonomous Systems

RoHS COMPLIANT

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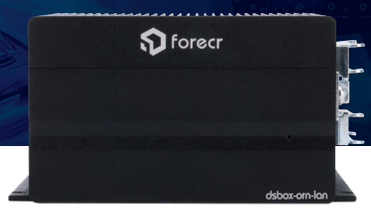
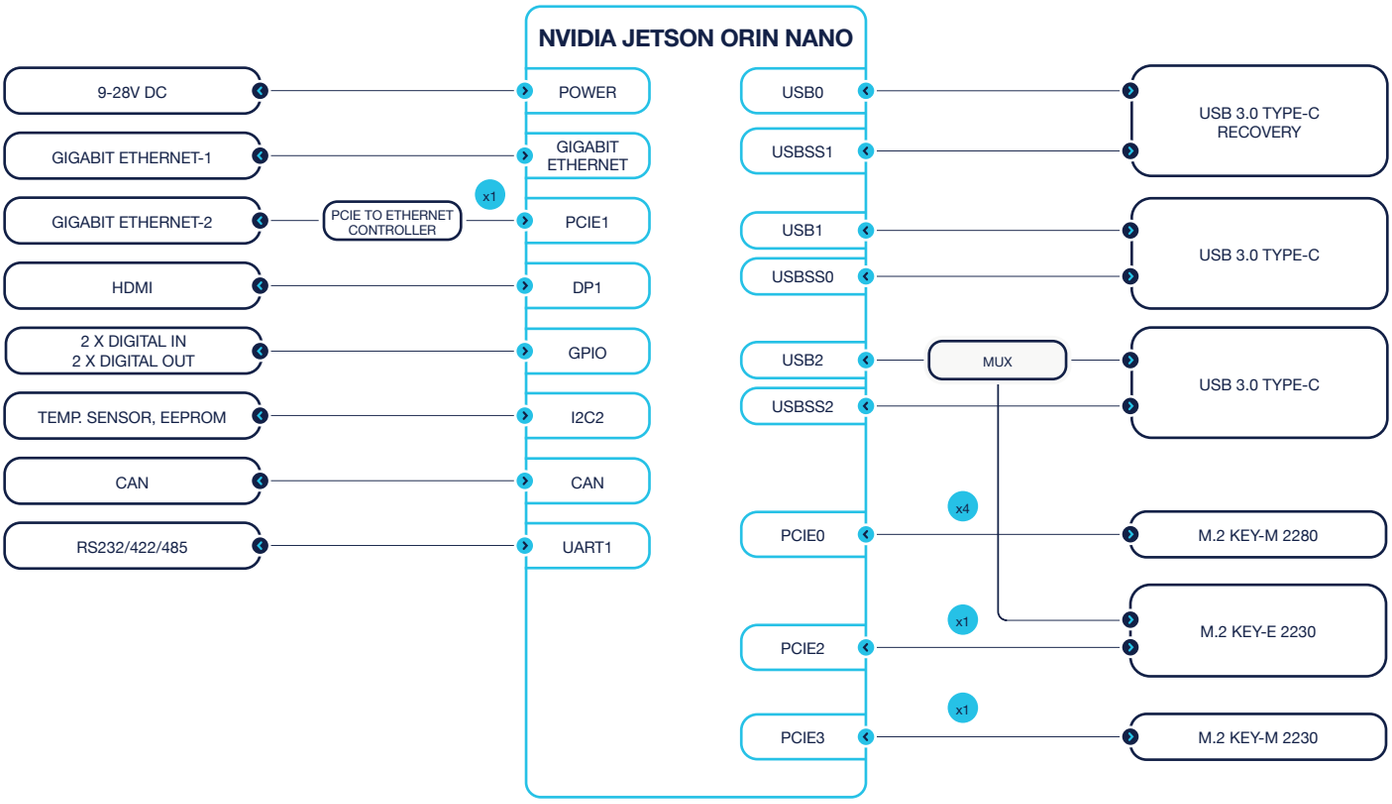


BLOCK DIAGRAM



FOR ORDERING

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