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DSBOX-ORNX

ORIN NX INDUSTRIAL BOX PC

HIGHLIGHTS

- High-performance fanless PC for industrial applications
- NVIDIA Jetson Orin NX Super Mode Support
- Up to 157 TOPS advanced AI performance
- Multiple connectivity options
- Reliable operation in harsh environments
- Rugged and durable construction
- Easy integration into existing industrial systems
- Ideal for advanced robotics and automation
- Compact design for space-saving installation

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson Orin NX 8GB / 16GB
Memory	8 GB 256-bit LPDDR5 / 16 GB 128 bit LPDDR5
Graphics Interfaces	1x HDMI 2.0(max resolution 3840x2160
Interfaces	1x Gigabit Ethernet 2x USB 3.1 Type-A 1x CAN Bus 1x RS232 & 1x RS422 1x microUSB 2.0 (Recovery) 2x Digital Input 2x Digital Output
Wireless Communication	WIFI/LTE/5G/Bluetooth Connectivity by extension sockets
Power Supply	9-28 VDC
Extension Sockets	1x M.2 Key-E, 1x M.2 Key-B, 1x SIM
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, 760 gr
Operating Systems	Ubuntu Linux 20.04 / 22.04
JetPack Support	JetPack 5.x / 6.x

DSBOX-ORNX is a high-performance industrial fanless PC that delivers exceptional computing power for demanding industrial applications. Built with the latest NVIDIA Jetson Orin NX System on Module (SOM), it offers advanced AI and machine learning capabilities with up to 157 TOPS of computing performance.

With a range of connectivity options and advanced thermal management, the DSBOX-ORNX is designed to operate reliably in a range of harsh industrial environments. Its rugged and durable construction ensures long-lasting performance, while its compact design allows for easy integration into existing industrial systems.

Whether you need a powerful computing solution for advanced robotics, automation, or other industrial applications, the DSBOX-ORNX is the ideal choice. Upgrade your industrial computing power with the DSBOX-ORNX today.

Transport & Logistics
Robotics
Smart Retail
Industrial & Manufacuring
Smart City Applications
Energy
Agriculture
Autonomous Systems

RoHS COMPLIANT

NVIDIA Elite Partner

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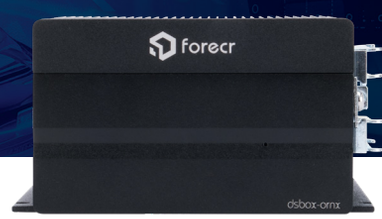
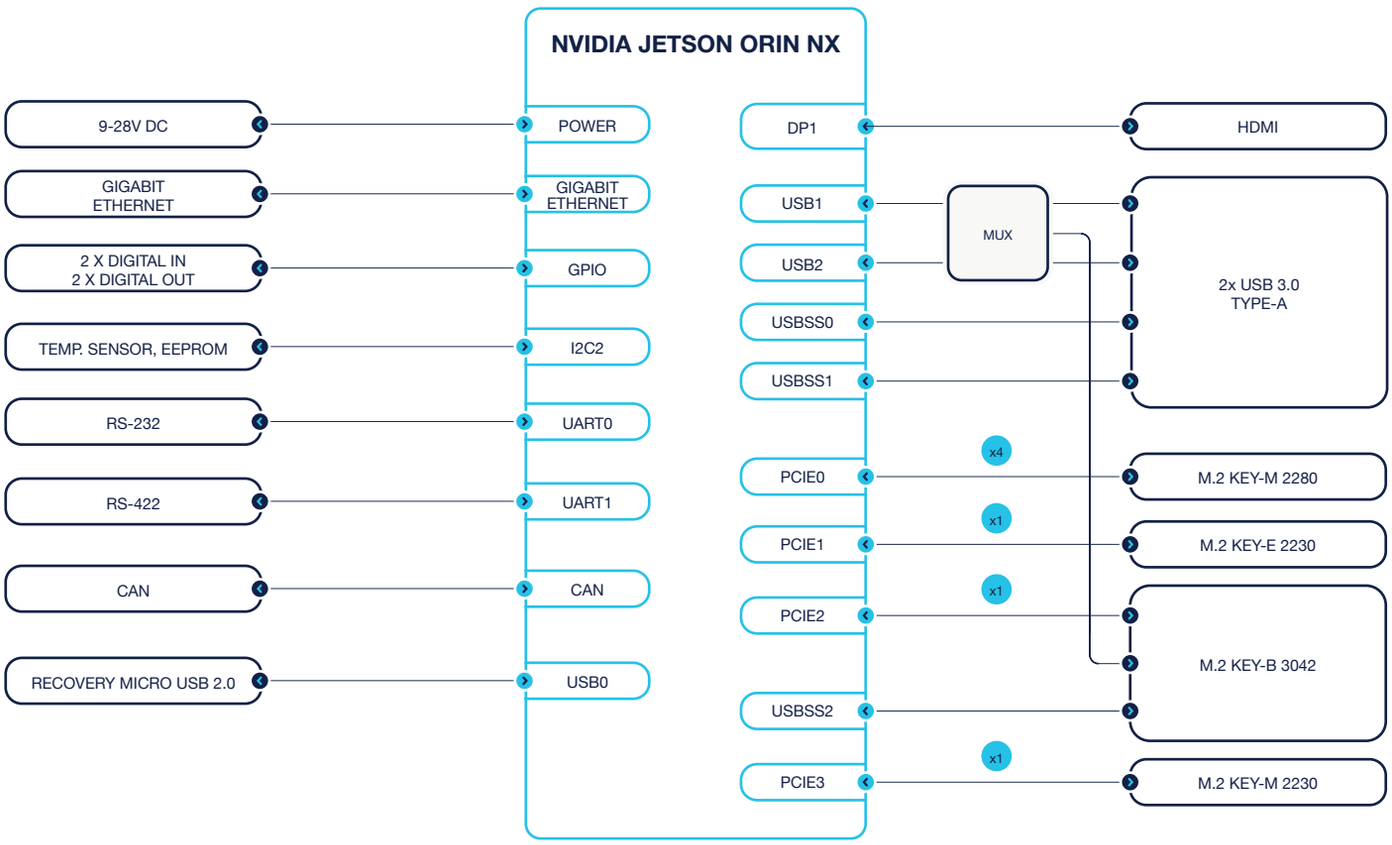


BLOCK DIAGRAM



FOR ORDERING

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