

DSBOX-ORN

ORIN NANO INDUSTRIAL BOX PC



HIGHLIGHTS

- › High-performance fanless PC for industrial applications
- › Exceptional computing power with NVIDIA Jetson Orin Nano SOM
- › Advanced AI and machine learning with 40 TOPS of 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 Nano 4GB / 8GB |
| Memory | 4 GB 64-bit LPDDR5 / 8 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 ... +85°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-ORN is a high-performance industrial fanless PC that delivers exceptional computing power for demanding industrial applications. Built with the latest NVIDIA Jetson Orin Nano System on Module (SOM), it offers advanced AI and machine learning capabilities with 40 TOPS of computing performance.

With a range of connectivity options and advanced thermal management, the DSBOX-ORN 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-ORN is the ideal choice. Upgrade your industrial computing power with the DSBOX-ORN today.



Transport & Logistics



Robotics



Smart Retail



Industrial & Manufacturing



Smart City Applications



Energy



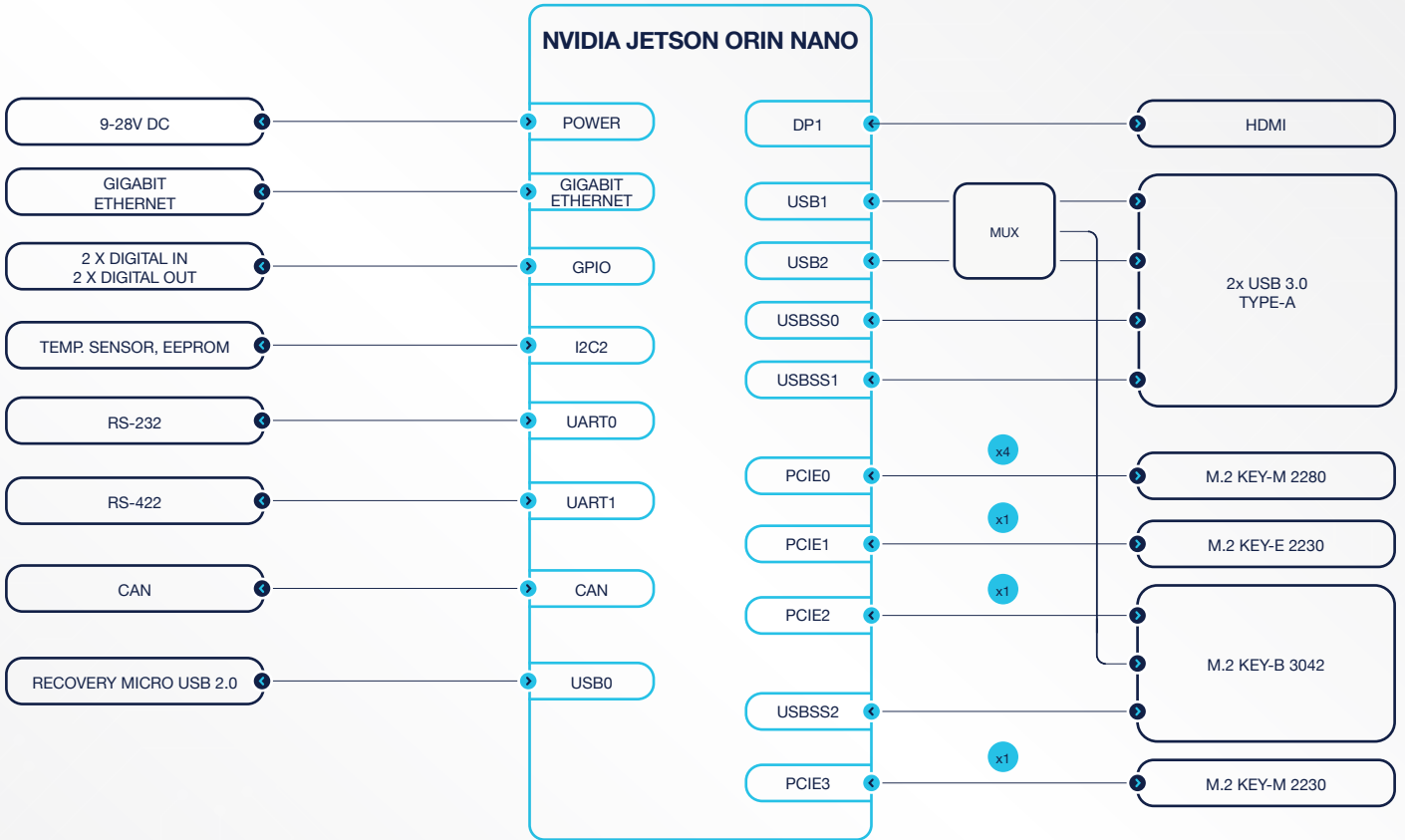
Agriculture



Autonomous Systems



BLOCK DIAGRAM



FOR ORDERING

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