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DSBOX-AGX

AGX ORIN INDUSTRIAL BOX PC

HIGHLIGHTS

- NVIDIA Jetson AGX Orin with up to 275 TOPS of AI performance
- CAN, RS-232 and Gigabit Ethernet interfaces
- HDMI 2.0b with up to 8Kp60 resolution
- Rugged design for harsh environments
- Ideal for edge computing & AI inference
- Compact size for easy integration
- Versatile connectivity options
- Powerful performance & reliable operation
- Collect & analyze sensor data in real-time

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson AGX Orin 32GB NVIDIA Jetson AGX Orin 64GB
Memory	32 GB 256-bit LPDDR5x 64 GB 256-bit LPDDR5x
Graphics Interfaces	1x HDMI 2.0(max resolution 3840x2160)
Interfaces	1x Gigabit Ethernet 2x USB 3.1 Type-A 1x CAN Bus 1x RS232/422/485 (software configurable) 2x USB-C (Debug/Recovery) 2x Digital Input 3x Digital Output
Wireless Communication	WiFi/LTE/5G Connectivity by extension sockets
Power Supply	12-30 VDC
Extension Sockets	1x M.2 Key-B, 1x SIM, 1x MicroSD
Mass Storage	64 GB eMMC 5.1 Flash 1x M.2 Key-M SSD Slot
Ambient Conditions	-25°C ... +55°C
Form Factor / Dimensions	165 mm x 110 mm x 95 mm, 1470 gr
Operating Systems	Ubuntu Linux 20.04 / 22.04
JetPack Support	JetPack 5.x / 6.x

Introducing the DSBOX-AGX, an industrial fanless box PC that combines the power of the AGX Orin SoM with a range of essential features for any industrial application. With Gigabit Ethernet, USB 3.2, HDMI, CAN, Serial Ports and Digital I/Os, this compact and robust PC offers unparalleled connectivity and functionality for a variety of industrial uses.

Featuring a rugged design and fanless construction, the DSBOX-AGX is built to withstand harsh environments and demanding workloads. With its powerful NVIDIA AGX Orin SoM, it delivers exceptional 275 TOPS performance and reliability, making it ideal for edge computing, AI inference, and other advanced applications.

Its compact size and versatile connectivity options make it easy to integrate into existing systems, while its powerful performance and reliable operation ensure that you get the results you need. With its rugged design, advanced performance, and versatile connectivity options, it is the ideal solution for any industrial application.

Transportation | Robotics | Autonomous Systems

Industrial & Manufacuring | Mining | Energy

RoHS COMPLIANT

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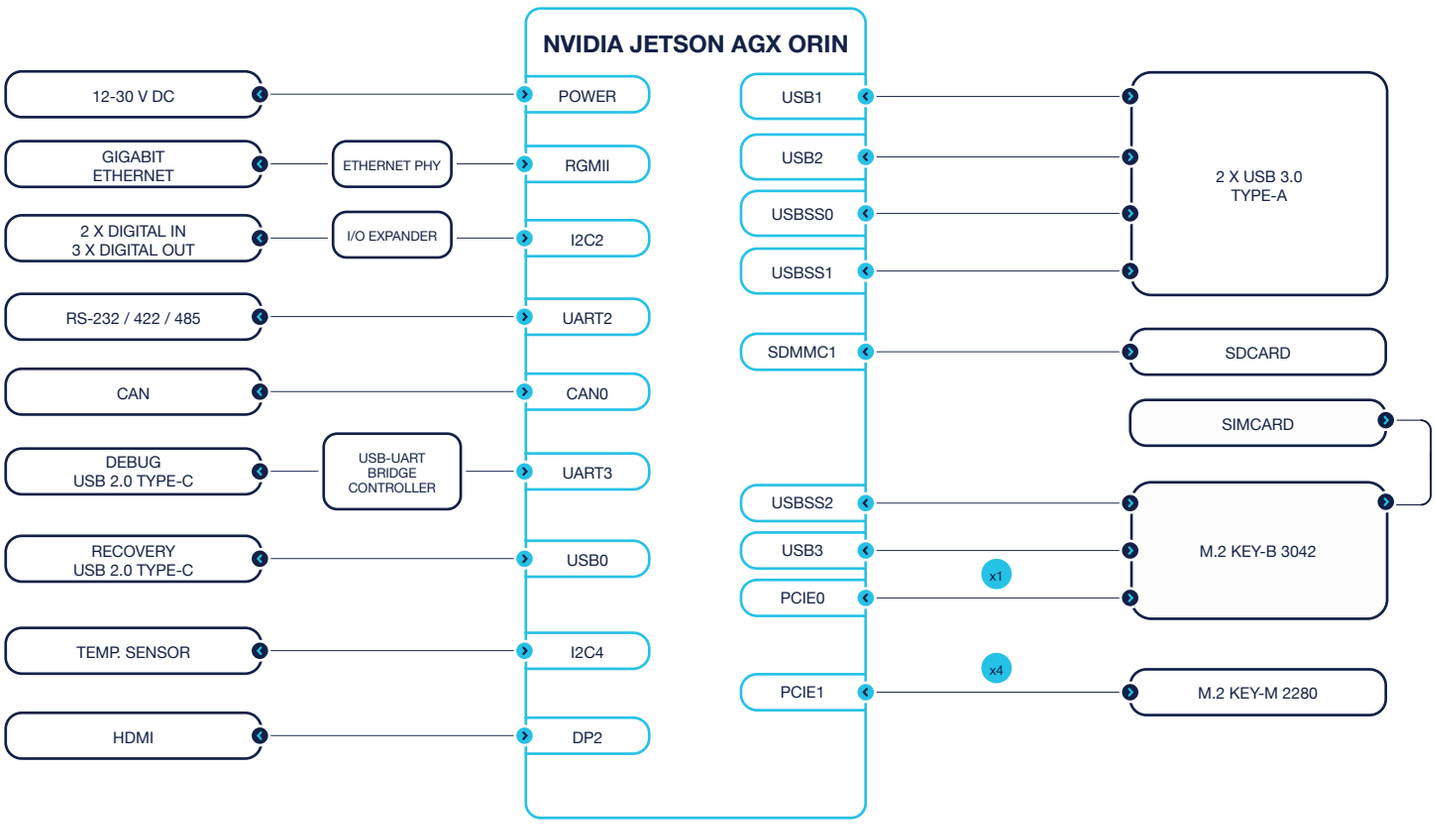
BLOCK DIAGRAM



FOR ORDERING

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