

# 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

<b>Supported Modules</b>	NVIDIA Jetson AGX Orin 32GB NVIDIA Jetson AGX Orin 64GB
<b>Memory</b>	32 GB 256-bit LPDDR5x 64 GB 256-bit LPDDR5x
<b>Graphics Interfaces</b>	1x HDMI 2.0(max resolution 3840x2160)
<b>Interfaces</b>	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
<b>Wireless Communication</b>	WiFi/LTE/5G Connectivity by extension sockets
<b>Power Supply</b>	12-30 VDC
<b>Extension Sockets</b>	1x M.2 Key-B, 1x SIM, 1x MicroSD
<b>Mass Storage</b>	64 GB eMMC 5.1 Flash 1x M.2 Key-M SSD Slot
<b>Ambient Conditions</b>	-25°C ... +85°C
<b>Form Factor / Dimensions</b>	165 mm x 110 mm x 95 mm, 1470 gr
<b>Operating Systems</b>	Ubuntu Linux 20.04 / 22.04
<b>JetPack Support</b>	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 & Manufacturing



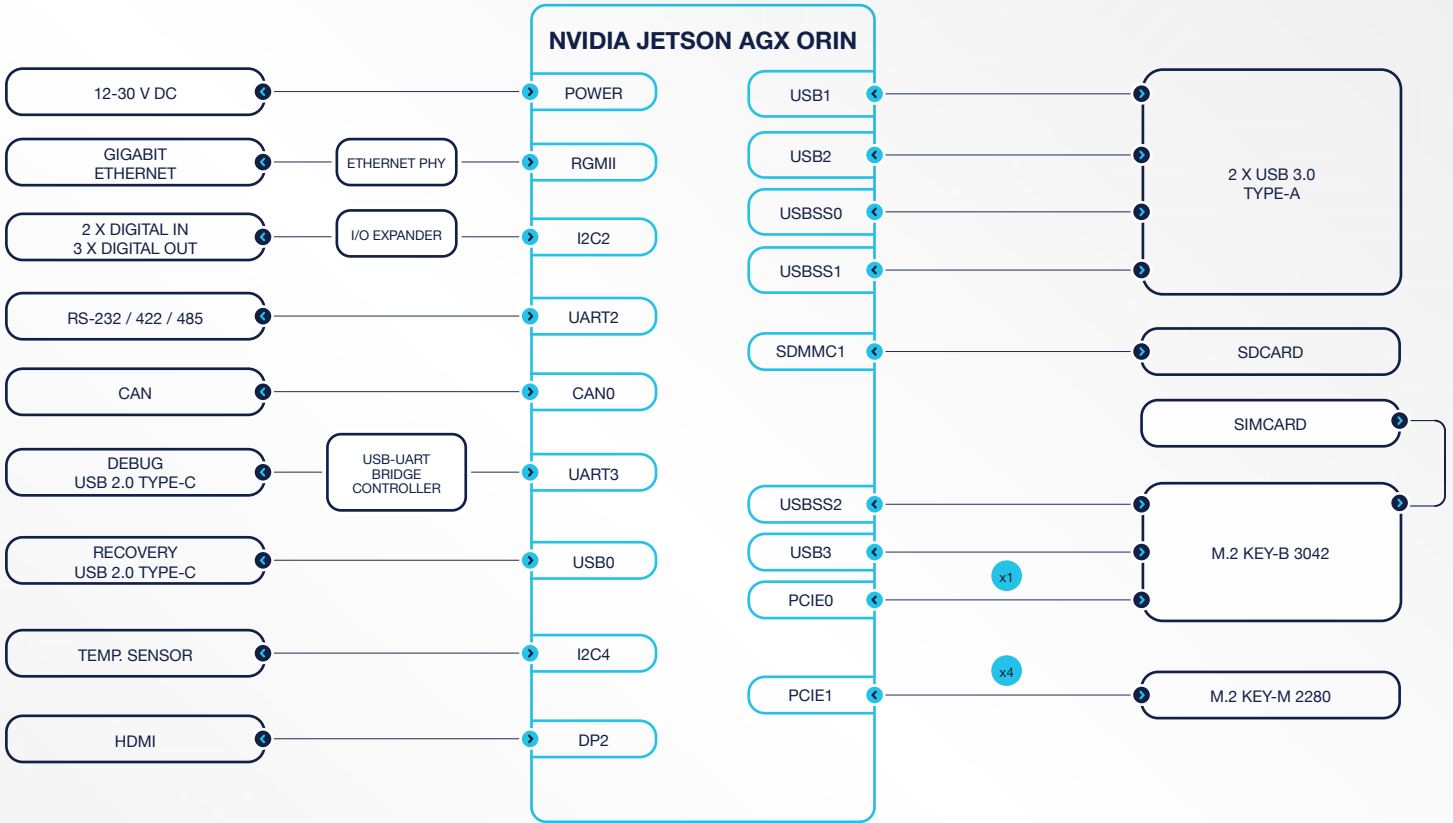
Mining



Energy



### BLOCK DIAGRAM



### FOR ORDERING



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