



DSBOX-AGXMAX

AGX ORIN INDUSTRIAL BOX PC with 10G ETHERNET



HIGHLIGHTS

- › Maximizes productivity and connectivity
- › Powered by high-performance AGX Orin SoM
- › Offers top-of-the-line 10G connectivity
- › Dual Gigabit Ethernet, USB 3.2, HDMI, CAN
- › Reliable performance for industrial apps
- › Exceptional 275 TOPS of AI performance
- › Unparalleled convenience and flexibility
- › Robust construction, long-lasting reliability
- › Extended temperature range

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson AGX Orin 32GB NVIDIA Jetson AGX Orin 64GB NVIDIA Jetson AGX Orin Industrial
Memory	32 GB 256-bit LPDDR5x 64 GB 256-bit LPDDR5x
Graphics Interfaces	1x HDMI 2.0(max resolution 3840x2160)
Interfaces	2x Gigabit Ethernet 1x 10G (SFP+Based) 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/Bluetooth/LTE/5G Connectivity by extension sockets
Power Supply	12-30 VDC
Extension Sockets	1x M.2 Key-B, 1x M.2 Key-E, 1x SIM
Mass Storage	64 GB eMMC 5.1 Flash 2x M.2 Key-M SSD Slot
Ambient Conditions	-25°C ... +85°C
Form Factor / Dimensions	225 mm x 135 mm x 83 mm, 3000gr
Operating Systems	Ubuntu Linux 20.04 / 22.04
JetPack Support	JetPack 5.x / 6.x

Introducing the DSBOX-AGXMAX is an industrial fanless box PC engineered to merge the potent capabilities of the AGX Orin SoM which can deliver up to 275 TOPS of AI performance, this board offers top-of-the-line 10G connectivity, as well as Dual Gigabit Ethernet, USB 3.2, HDMI, CAN, Serial Ports, and MIPI CSI-2 Camera support.

The AGX Orin SoM processor delivers exceptional performance for industrial applications that require high-speed data transfer, real-time communication, and reliable performance. Whether you're working on machine vision, robotics, automation, or any other industrial project, the DSBOX-AGXMAX will deliver the power and versatility you need to get the job done.

With its compact form factor and flexible connectivity options, seamless integration into existing systems is effortless. Enjoy dependable performance and consistent results, thanks to its rugged design, cutting-edge performance, and versatile connectivity features. For any industrial application, the DSBOX-AGXMAX stands as the ultimate solution.



Transportation



Robotics



Smart Retail



Energy



Agriculture



Autonomous Systems

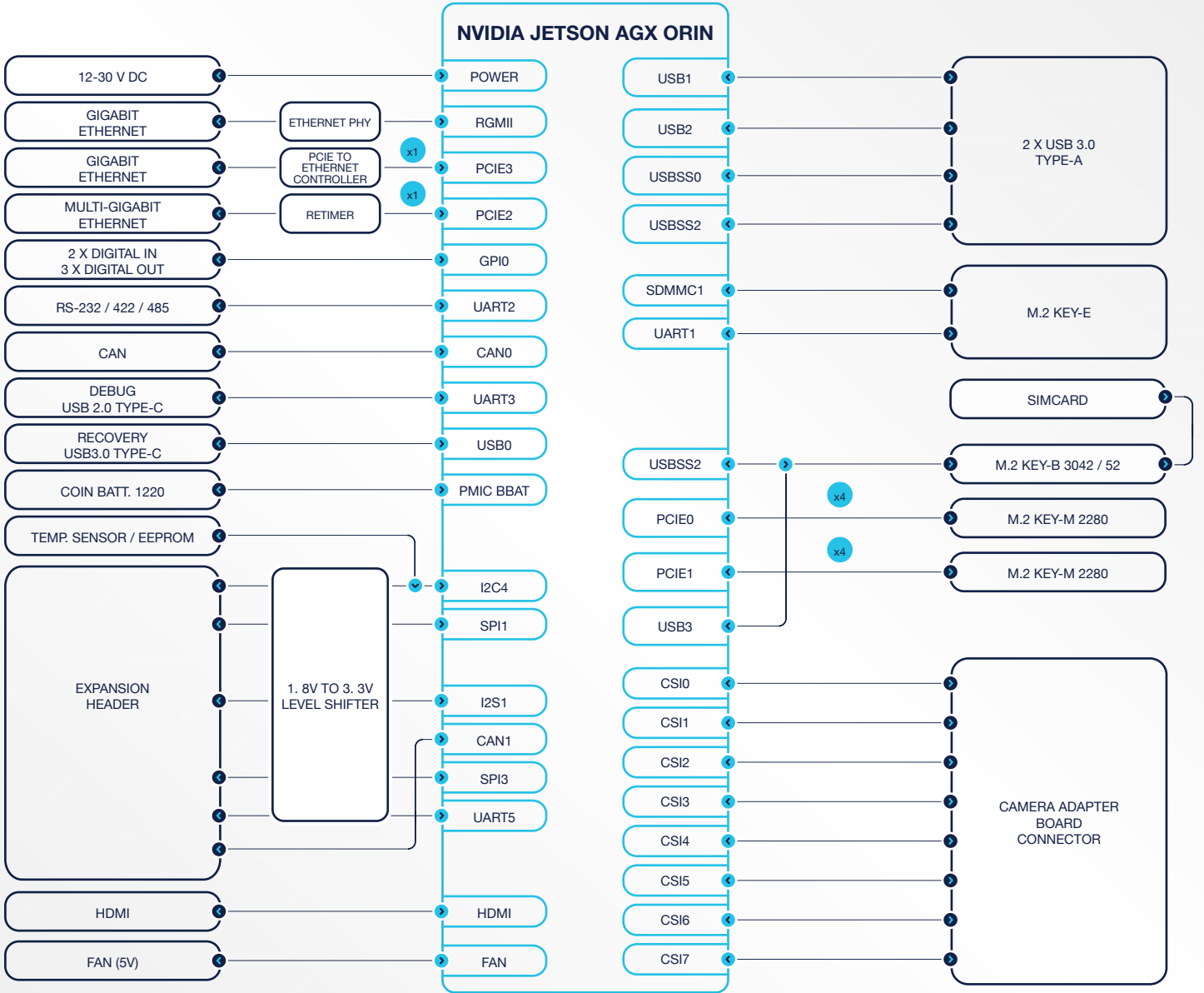


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BLOCK DIAGRAM



FOR ORDERING



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