



# MILBOX-AGX

RUGGEDIZED AGX ORIN COMPUTER



## HIGHLIGHTS

- › Military-grade rugged computer
- › AI Ready for deep neural networks (275 TOPS)
- › 4x Gigabit Ethernet ports
- › Rich IO options (4xRS232/4xRS422/2xCAN)
- › Lightning-fast storage performance
- › Extensive connectivity options
- › Compact and powerful design
- › Ruggedized chassis withstands tough conditions
- › Ideal for demanding environments

## TECHNICAL SPECIFICATIONS

<b>Supported Modules</b>	NVIDIA Jetson AGX Orin 32GB NVIDIA Jetson AGX Orin 64GB NVIDIA Jetson AGX Orin Industrial
<b>Memory</b>	32 GB 256-bit LPDDR5x 64 GB 256-bit LPDDR5x
<b>Graphics Interfaces</b>	1x HDMI
<b>Interfaces</b>	4x Gigabit Ethernet 1x USB 3.1 2x USB 2.0 1x USB 2.0 (Serial Console) 2x CAN Bus 4x RS232 4x RS422
<b>Wireless Communication</b>	None
<b>Power Supply</b>	12-36 VDC (28 VDC Nominal)
<b>Extension Sockets</b>	None
<b>Mass Storage</b>	64 GB eMMC 5.1 Flash 1x M.2 Key-M SSD Slot SD Card
<b>Ambient Conditions</b>	-25°C ... +85°C (-40°C for Industrial Module)
<b>Form Factor / Dimensions</b>	225 mm x 300 mm x 100 mm, 5300gr
<b>Operating Systems</b>	Ubuntu Linux 20.04 / 22.04
<b>Operating Humidity</b>	5% - 95% (Non-Condensing)
<b>Standards</b>	MIL-STD-1275/704, MIL-STD-810 MIL-STD-461, IP67
<b>JetPack Support</b>	JetPack 5.x / 6.x

Introducing our latest military grade ruggedized computer, powered by the cutting-edge AGX Orin SoM technology. This compact and powerful device is designed to withstand the toughest environments, making it the perfect solution for military, industrial, and other demanding applications.

With 4x Gigabit Ethernet ports, USB3.2, HDMI, 2x CAN, 4x RS- 232, and 4x RS-422, this ruggedized computer offers unparalleled connectivity options. Plus, with M.2 SSD support, you'll have lightning-fast storage performance, ensuring your critical data is always available when you need it.

Our ruggedized computer is built to last, with a ruggedized chassis that can withstand extreme temperatures, shocks, and vibrations. You can rely on this device to operate reliably in the most challenging environments. Whether you're in the military, working in industrial settings, or need a reliable computing solution for outdoor applications, our ruggedized computer is the ideal choice. With its powerful performance, rugged design, and extensive connectivity options, this device is sure to exceed your expectations.



Defense



Aerospace



Marine

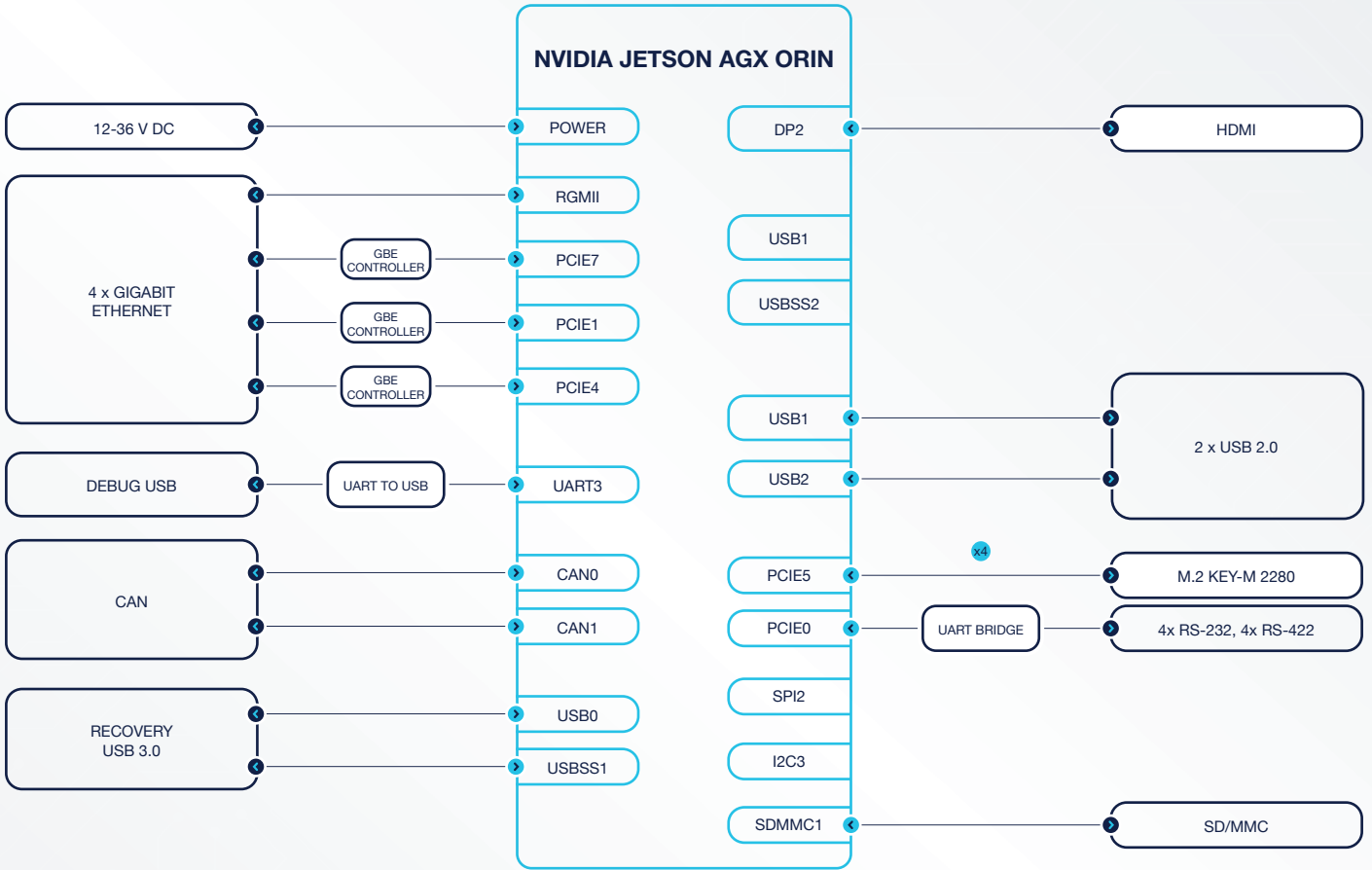


Transportation





**BLOCK DIAGRAM**



**FOR ORDERING**

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