



## 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<br>NVIDIA Jetson AGX Orin 64GB<br>NVIDIA Jetson AGX Orin Industrial                                                                                                |
| Memory                   | 32 GB 256-bit LPDDR5x<br>64 GB 256-bit LPDDR5x                                                                                                                                                 |
| Graphics Interfaces      | 1x HDMI 2.0(max resolution 3840x2160)                                                                                                                                                          |
| Interfaces               | 2x Gigabit Ethernet<br>1x 10G (SFP+Based)<br>2x USB 3.1 Type-A<br>1x CAN Bus<br>1x RS232/422/485 (software configurable)<br>2x USB-C (Debug/Recovery)<br>2x Digital Input<br>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<br>2x M.2 Key-M SSD Slot                                                                                                                                                  |
| Ambient Conditions       | -25°C ... +55°C (-40°C for Industrial Module)                                                                                                                                                  |
| 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 10G connectivity, as well as Dual Gigabit Ethernet, USB 3.2, HDMI, CAN, Serial Ports, and GMSL2 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 DSBOXAGXMAX stands as the ultimate solution.



Transportation



Robotics



Smart Retail



Energy



Agriculture



Autonomous Systems

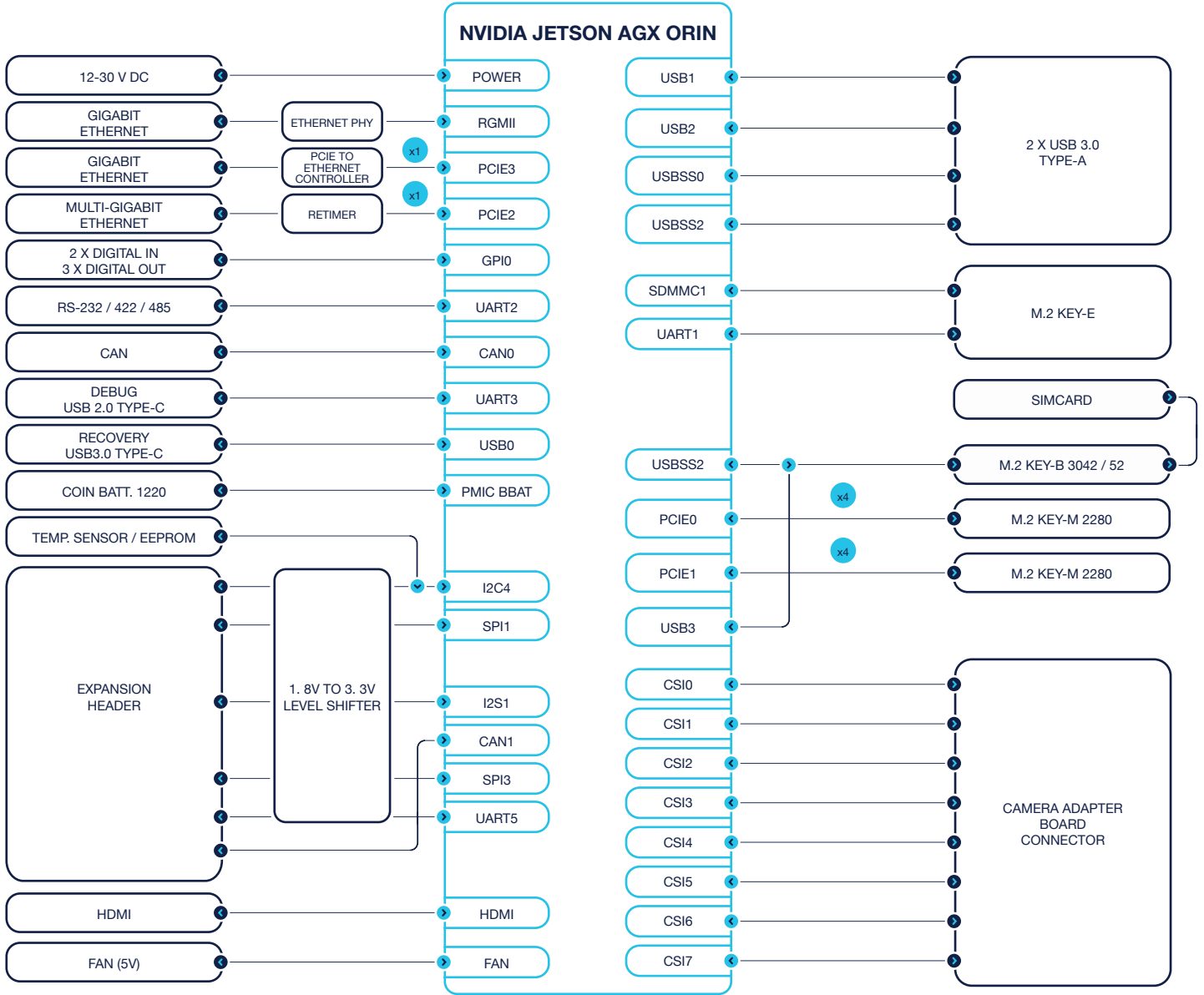


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## BLOCK DIAGRAM



## FOR ORDERING



### Forecr OÜ (Reg No: 16578675)

VAT No: EE102592089  
Sakala tn 7-2, Tallinn, 10141, Estonia

### Forecr OÜ (Technopol Office)

Akadeemia tee 21/1 (II-floor), Room 219, 12618, Tallinn, Estonia

### FORECR ELEKTRONIK LTD. STI. (R&D)

Gazi Üniversitesi Gölbaşı Yerleşkesi Teknokent Binası B Blok  
No:10/50-B/23 06830 Gölbaşı / ANKARA / TURKEY

