



DSBOX-THRMAX

NVIDIA JETSON THOR™ MODULE INDUSTRIAL BOX PC



HIGHLIGHTS

- › Accelerated by NVIDIA Jetson T5000
- › Industrial-Grade Rugged Design
- › Advanced Connectivity & High-Speed I/O
- › Optional support for up to 8x GMSL2 camera connections
- › Next-Gen Expansion & Storage Capacity
- › Enables real-time thermal monitoring for system protection
- › Engineered for mission-critical deployments in harsh environmental conditions.
- › Delivers an extraordinary 2070 TFLOPS of AI performance (FP4—Sparse)

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson T5000
Memory	128 GB 256-bit LPDDR5X 273 GB/s
Graphics Interfaces	2x HDMI 2.1, 1x DP1.4a
Interfaces	1x Gigabit Ethernet (RJ45) 1x USB3.2 Type-C (with DP support) 1x USB3.2 Type-C (with Recovery) 1x Debug USB-C 1x QSFP28 (4x 25GbE) 1x RS-232/422/485 1x CAN Bus 2x Digital Input (12-24V compatible) 3x Digital Output (12-24V compatible) EEPROM, IMU, Temperature Sensor RTC (Coin Holder)
Wireless Communication	WiFi/Bluetooth/LTE/5G Connectivity (optional)
Power Supply	18-32V DC
Camera Connections	8x GMSL2 (optional)
Mass Storage	1x M.2 Key-M 2280 (PCIe Gen5 x4) 1x M.2 Key-M 2242 (PCIe Gen5 x2)
Ambient Conditions	-25°C ... +55°C
Form Factor / Dimensions	225x135x83mm
Operating Systems	Ubuntu Linux 24.04
JetPack Support	NVIDIA JetPack 7.0

Meet the DSBOX-THRMAX, FORECR's new industrial - grade Edge AI computer accelerated by NVIDIA Jetson T5000. Engineered for next generation robotics, vision-based systems, and autonomous platforms, this rugged, enclosed system delivers exceptional computing performance with 128GB of LPDDR5X memory and cutting-edge connectivity including QSFP+, dual USB-C with DisplayPort, and high-speed PCIe Gen5 storage. With support for dual HDMI 2.1 and DP1.4a outputs, it handles multi-display, high-resolution video workloads effortlessly. Its versatile I/O, including CAN, RS-232/422/485, digital inputs/outputs, IMU, and temperature sensors, makes it the ideal choice for real-time, sensor-rich AI applications.

Designed for mission-critical deployment in the harshest environments, the DSBOX-THRMAX features an extended temperature range (-25°C to +85°C) and a robust enclosure measuring 225x135x83mm. Built-in support for WiFi, Bluetooth, LTE/5G, and optional 8x GMSL2 camera connectivity allows seamless integration into vision systems, drones, autonomous vehicles, and edge-based surveillance platforms.



Robotics



Autonomous
Systems



Transportation



Industrial
Automation



Smart City



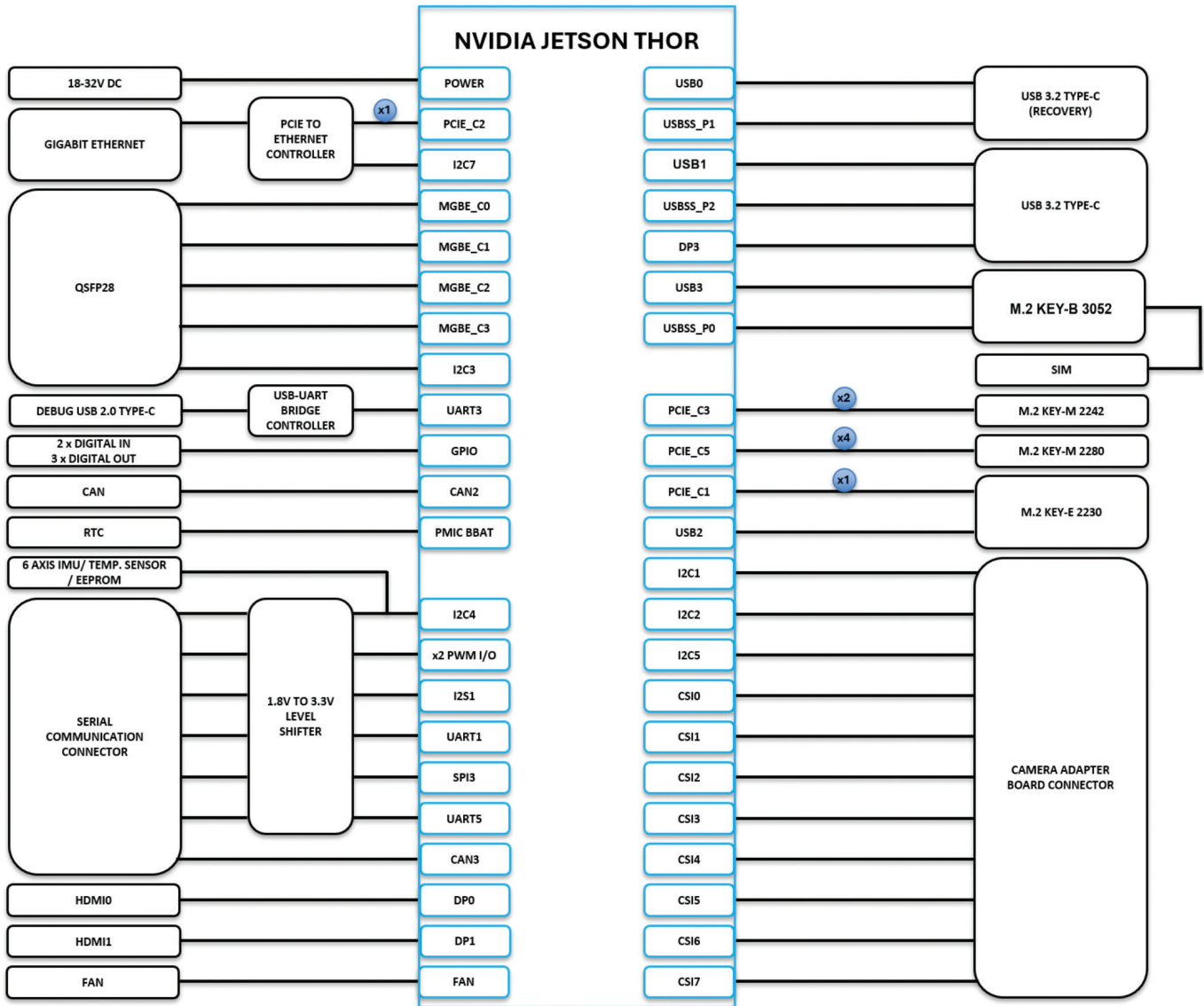
Energy



DSBOX-THRMAX

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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

✉ info@forecr.io 🌐 www.forecr.io 🔗 www.linkedin.com/company/forecr/

