



# DSBOX-THRMAX

NVIDIA JETSON THOR™ MODULE INDUSTRIAL BOX PC



## HIGHLIGHTS

- › Accelerated by NVIDIA Jetson T5000 & T4000
- › 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

<b>Supported Modules</b>	NVIDIA Jetson T4000 NVIDIA Jetson T5000
<b>Memory</b>	128 GB 256-bit LPDDR5X 273 GB/s
<b>Graphics Interfaces</b>	2x HDMI 2.1, 1x DP1.4a
<b>Interfaces</b>	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)
<b>Wireless Communication</b>	WiFi/Bluetooth/LTE/5G Connectivity (optional)
<b>Power Supply</b>	18-32V DC
<b>Camera Connections</b>	8x GMSL2 (optional)
<b>Mass Storage</b>	1x M.2 Key-M 2280 (PCIe Gen5 x4) 1x M.2 Key-M 2242 (PCIe Gen5 x2)
<b>Ambient Conditions</b>	-25°C ... +55°C
<b>Form Factor / Dimensions</b>	225x135x83mm
<b>Operating Systems</b>	Ubuntu Linux 24.04
<b>JetPack Support</b>	NVIDIA JetPack 7.x

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



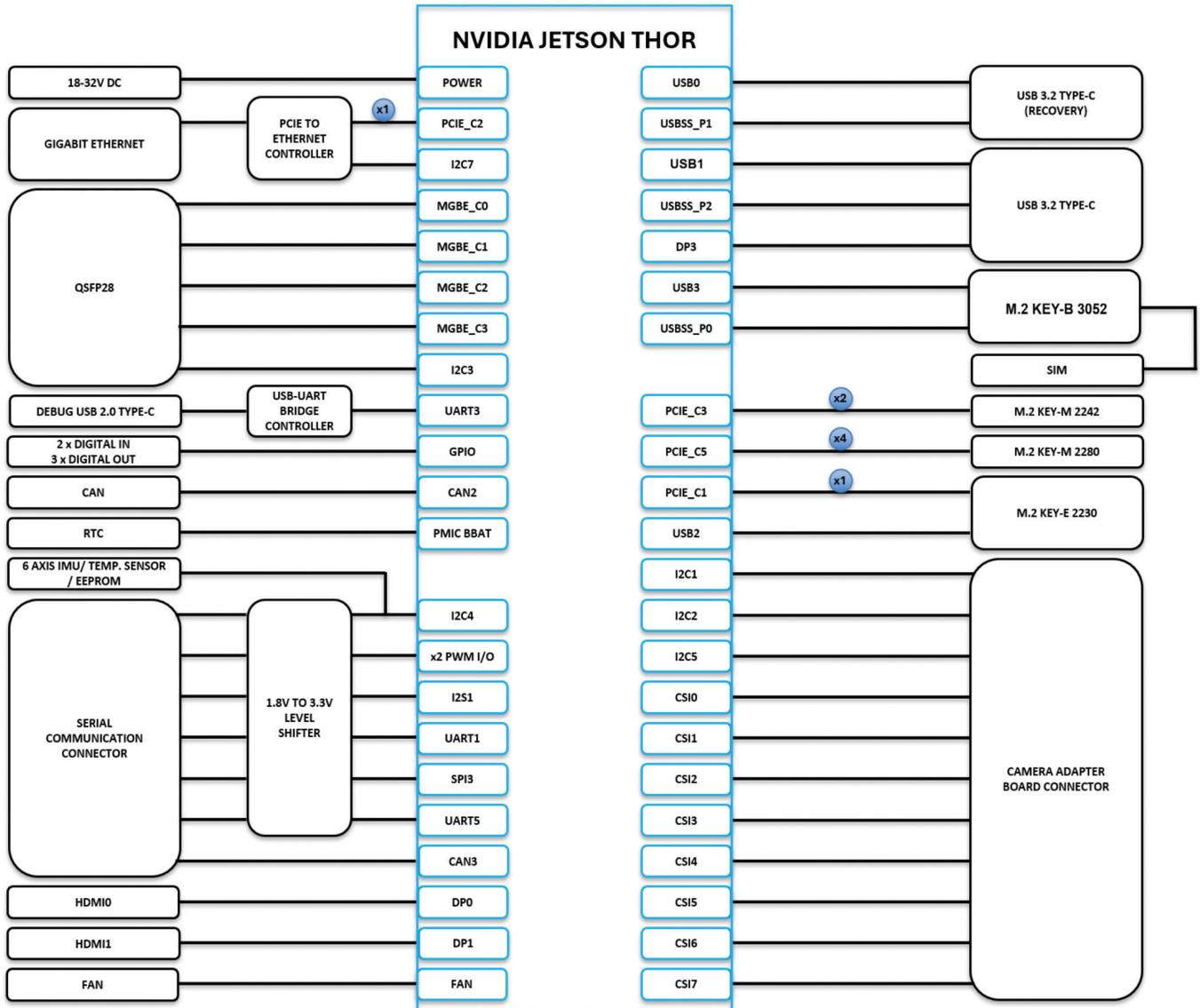
Energy



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## BLOCK DIAGRAM



## FOR ORDERING



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