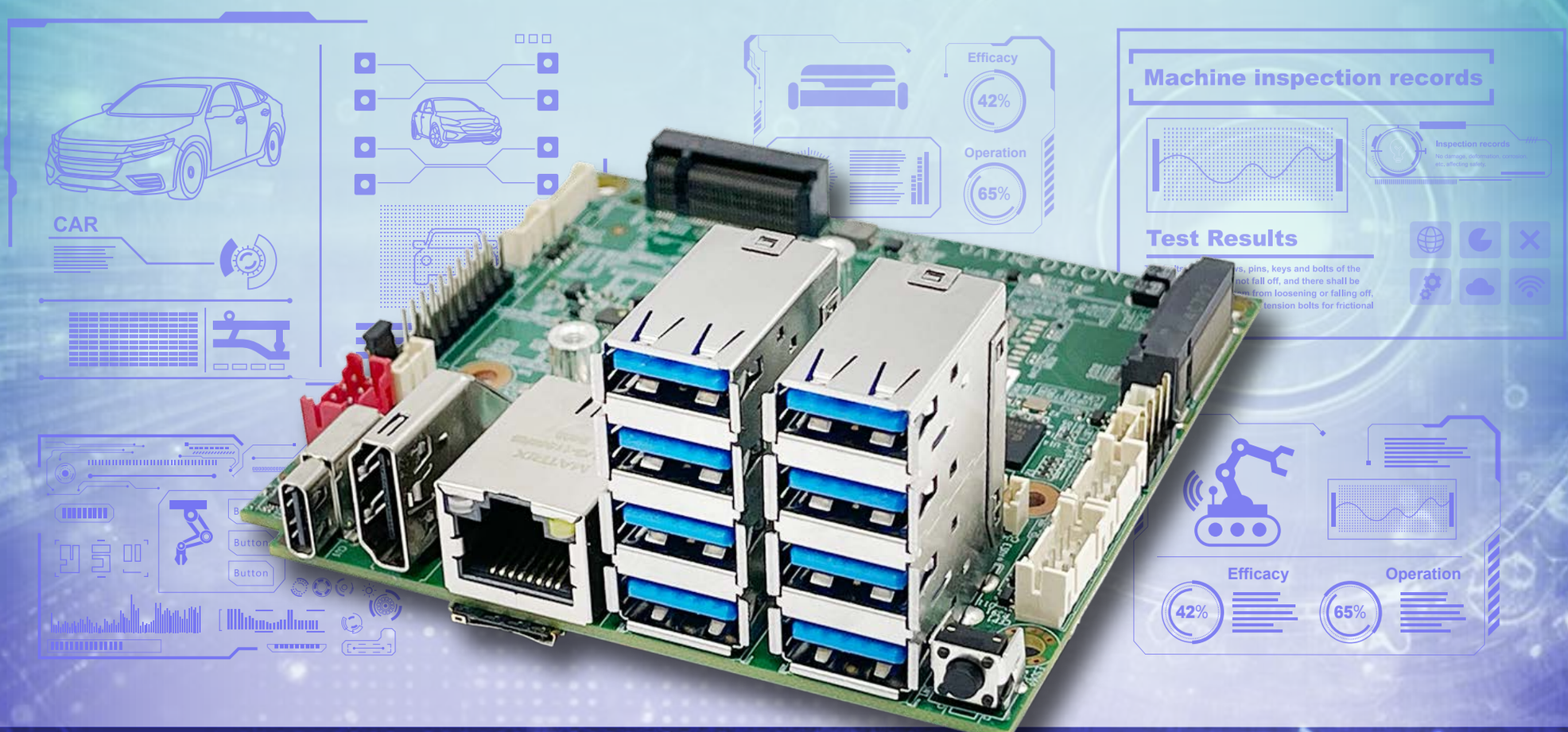
2NOR02

Edge AI Solution with NVIDIA Jetson Orin NX / Nano (Super) platform

NVIDIA Jetson Orin™



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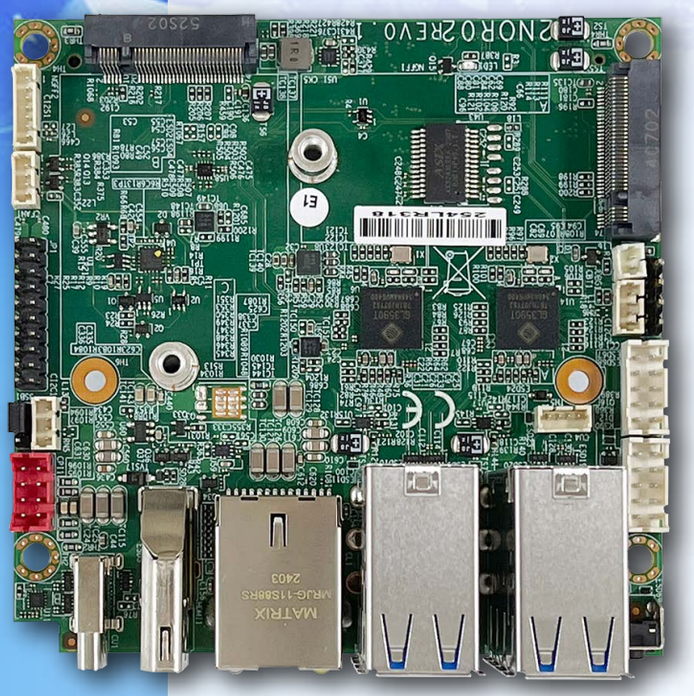

Edge AI Solution with NVIDIA Jetson Orin NX / Nano (Super) platform

LEX SYSTEM 2NOR02 leverage the NVIDIA Jetson Orin NX / Nano(Super) modules to deliver AI performance with 40 up to 100 (TOPS) at the edge which is uniquely suited to Edge AI applications. 2NOR02 delivers I/O including 1 x LAN, 1 x HDMI®,8 x USB 3.1, 1 x Type C USB 3.1/2.0(OTG), 1 x RS232,2 x M.2 , 1 x Nano SIM and wide-range 9-24 DC-IN., is perfectly suited for implementing AI-driven video solutions and meeting the evolving demands of Edge AI deployments.

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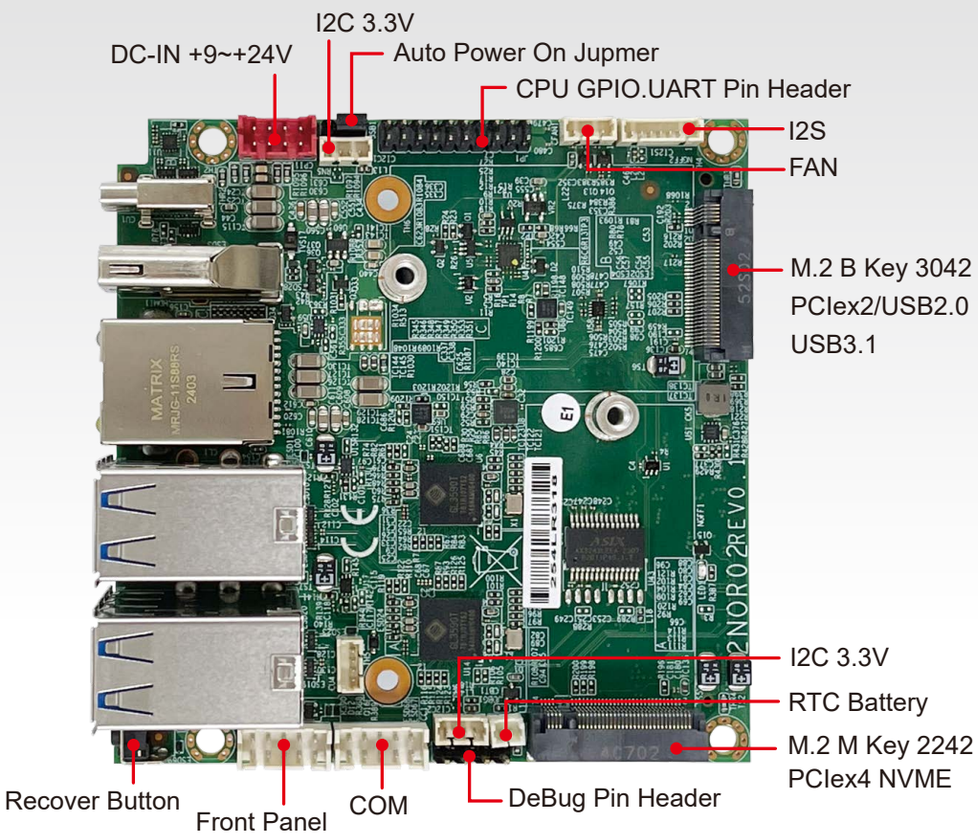
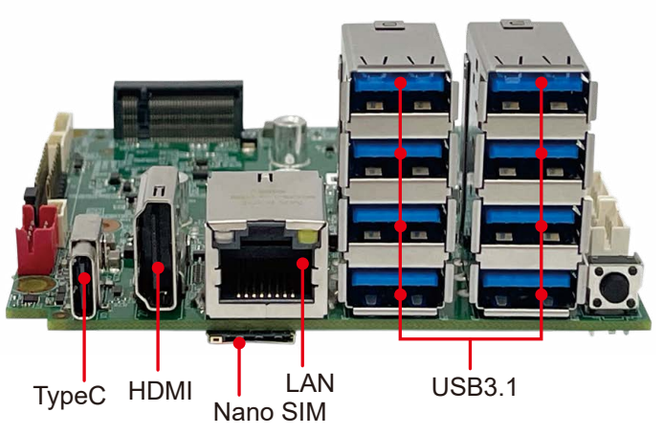
Function Map





NVIDIA

85 x 83 mm

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Compact Edge AI solution for ARM-based embedded

Applications

CPU Board :

- NVIDIA Jetson Nano(Super): 4 / 8GB LPDDR5, 20 / 40 TOPs
- NVIDIA Jetson NX: 8 / 16GB LPDDR5, 70 / 100 TOPs
- AI Accelerator: NVIDIA® Jetson Orin™ Nano (Super) / Orin™ NX

Features :

- 1 x HDMI®, 1 x GbE
- 8 x USB 3.1, 1 x Type C USB 3.1 / 2.0 (OTG), 1 x USB 2.0
- 1 x RS232 (OEM to RS422)
- 1 x M.2 M key, 1 x M.2 B key, 1 x Nano SIM
- URAT, I2S, 2 x I2C
- wide-range 9-24 DC-IN

Data Sheet

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NVIDIA Jetson Orin™

5G Wi-Fi GPS

PALM 2NOR02

Compact Fanless Edge AI Box :

Dimension : 90W x 88D x 60.6H mm

- Compact & Light weight Edge AI System

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About LEX Comptech

Established in 1990, LEX Computech is an industrial computer manufacturer, provides LEX SYSTEM embedded solutions include designing and manufacturing of industrial motherboards, fanless embedded systems, rugged panel PC, in-vehicle fanless PC, network appliances, machine vision and automation controllers & IoT related solutions.

LEX SYSTEM's R&D team consisted with electronics, layout, system, mechanical, BIOS, firmware as well as software engineers, plus with experienced project management, in-house manufacturing and after sales service provides ODM /OEM customized products for various application-oriented projects.

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