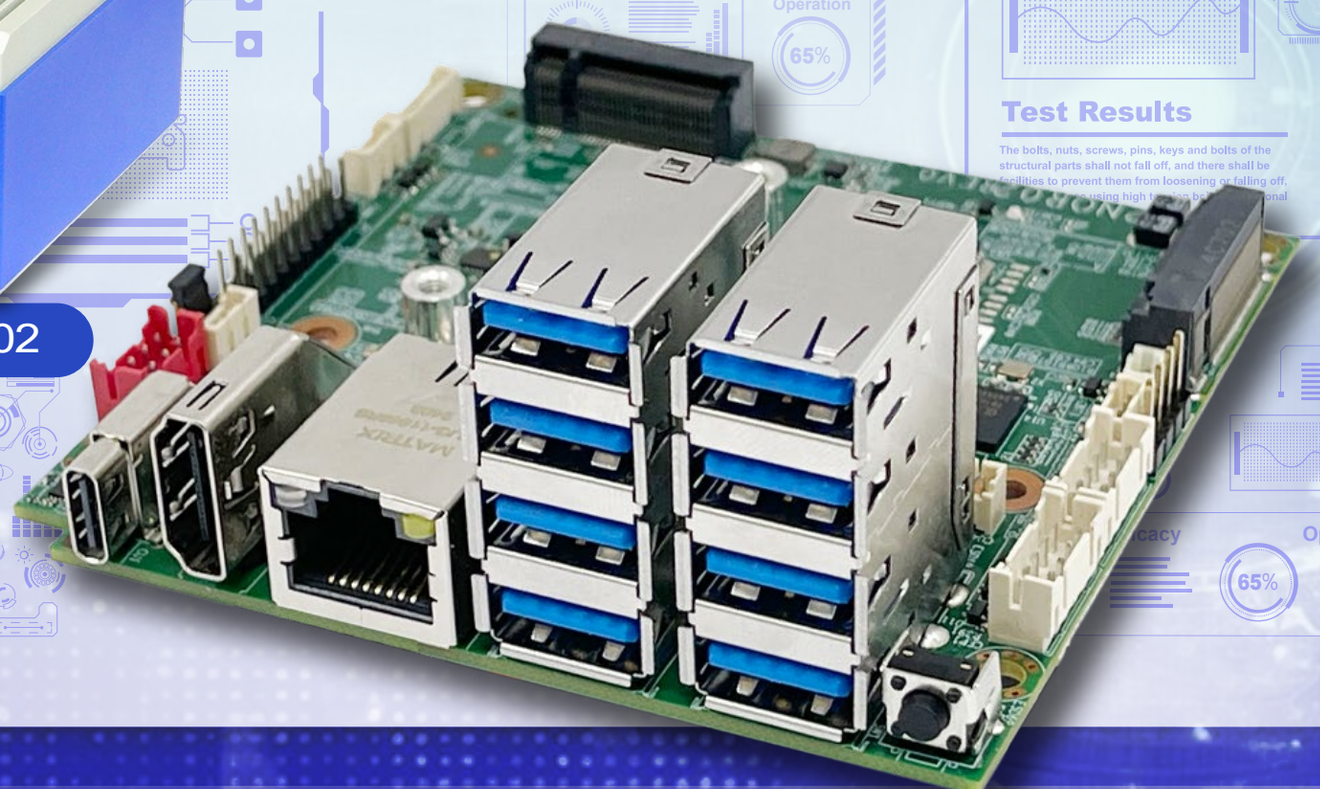
2NOR02

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

NVIDIA Jetson Orin™

FOX - 2NOR02



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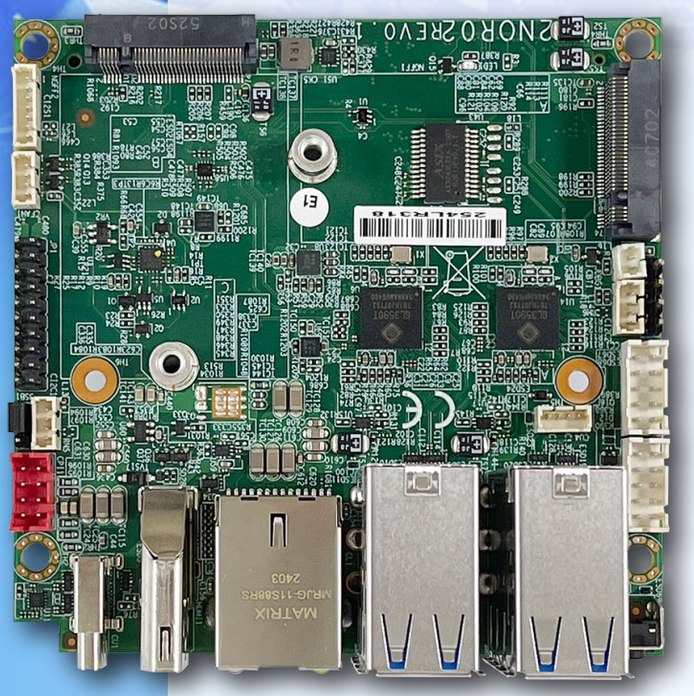

Edge AI Solution with NVIDIA Jetson Orin NX / Nano (Super) platform

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 (OEM) 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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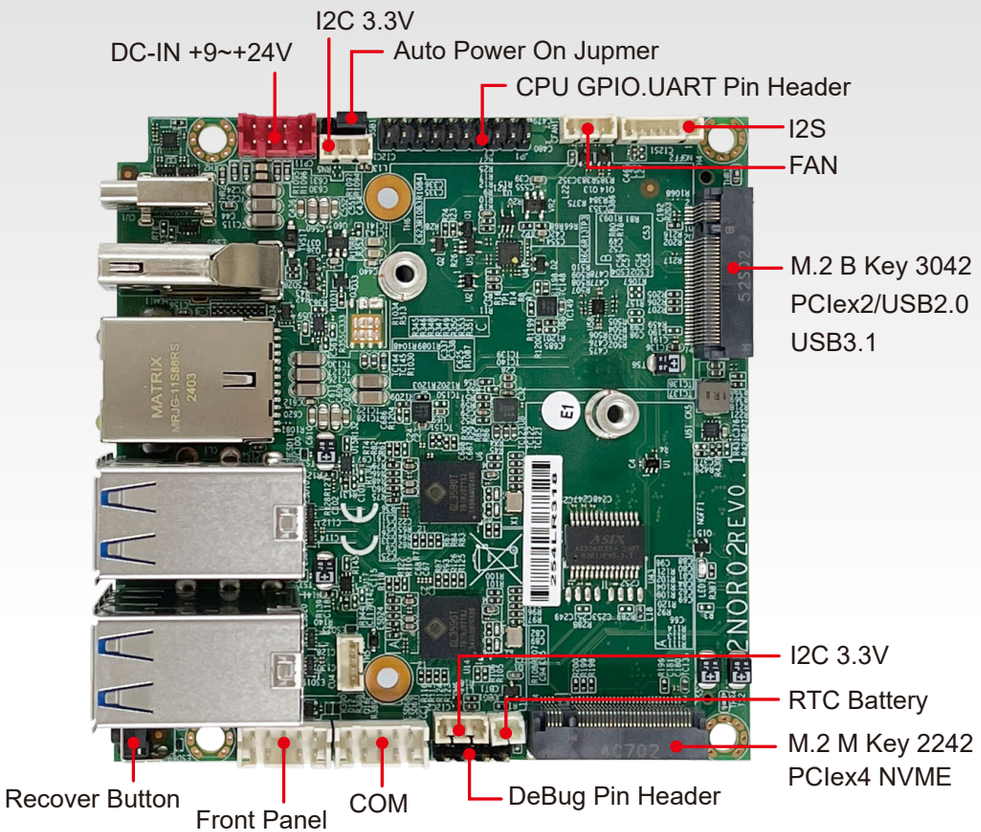
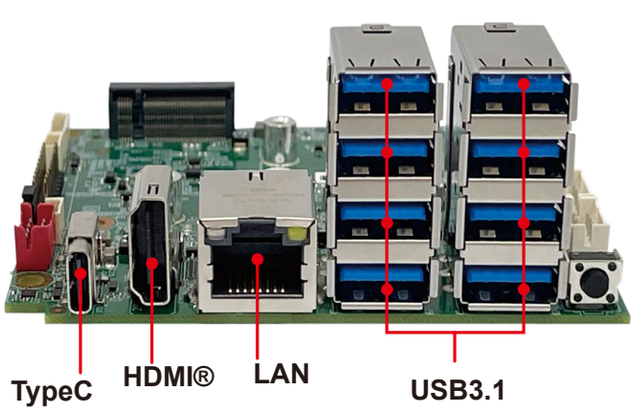
Function Map





NVIDIA

85 x 83 mm

2NOR02

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 (OEM)
- URAT, I2S, 2 x I2C
- wide-range 9-24 DC-IN

Data Sheet

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NVIDIA Jetson Orin™

5G Wi-Fi GPS

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Compact Fanless Edge AI Box :

Dimension : 112.5W x 112.5D x 74H 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.

Taiwan Headquarters
LEX Computech Co. Ltd

Tel: 886 2 2228-1055
Fax: 886 2 2228-1056
Email:
lex.sales@lex.com.tw
www.lex.com.tw

European Subsidiary
LEXCOM B.V.

Tel: 31 73 687-2390
Fax: 31 73 687-2398
Email:
info@lex.com.tw
www.lex.com.tw

CHINA Distributor

东莞市研毅通电子科技有限公司
Tel: 0769-81031869

www.yanyitong.com.cn

South Korea

Tel:+82-10-5936-4669
Email: yeon@lex.com.tw

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