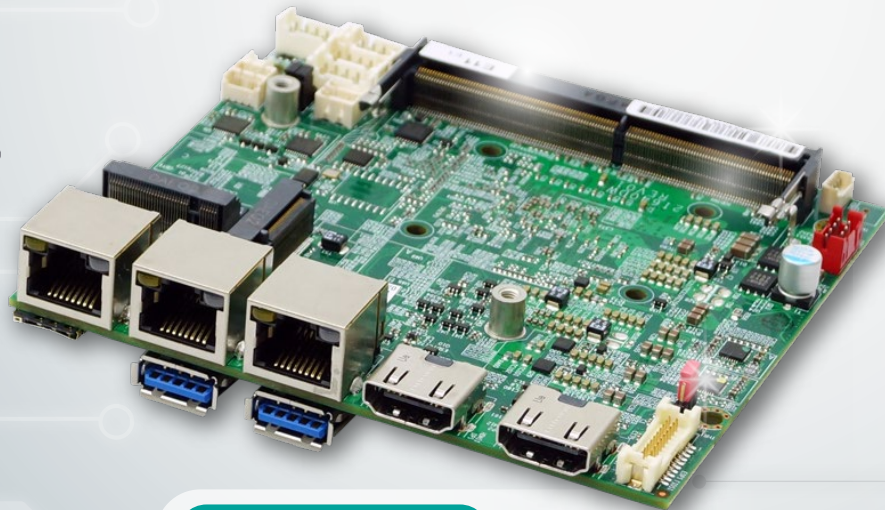


Compact Edge Gateway Appliance with Intel® Atom® Elkhart Lake SoC Processor




21640DW



SKY 2 21640DW

Lex SYSTEM®

www.lex.com.tw

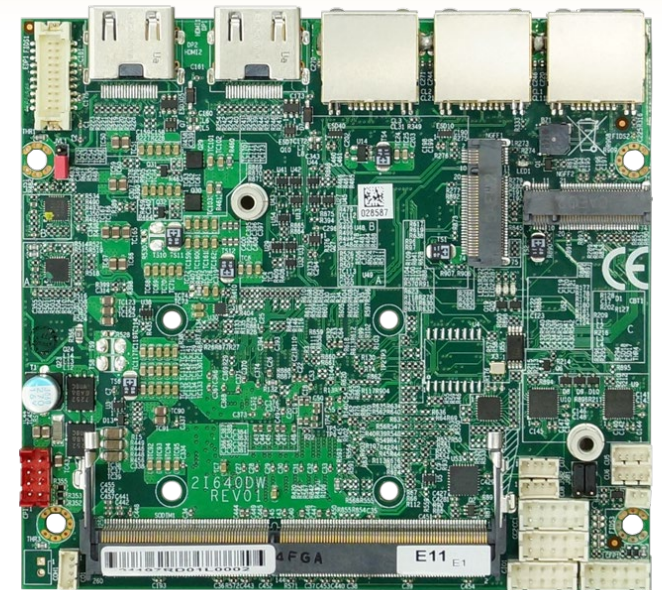


Compact Edge Gateway Appliance with Intel® Atom® Elkhart Lake SoC Processor

LEX Computech newest 2.5" (110 x 100 mm) SBC: 2I640DW is with Intel Atom® x6000E Series and Celeron® J Series processors.

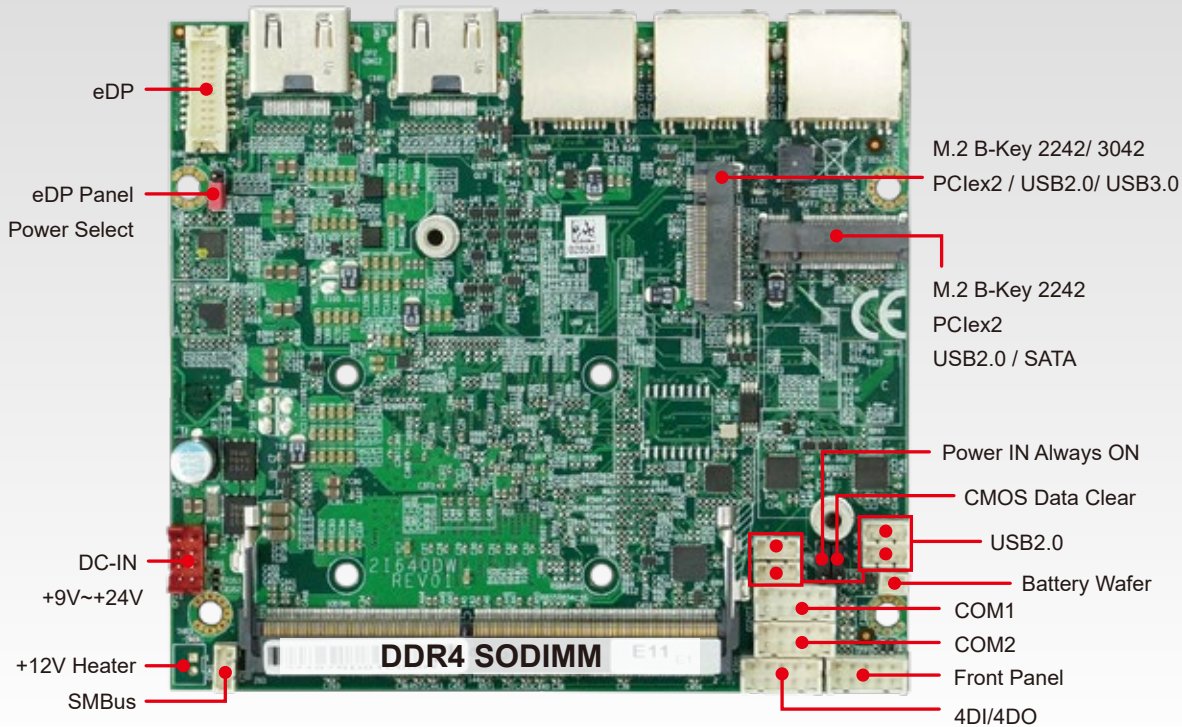
2I640DW integrated 3 x GbE LAN, 6 x USB, 2 x COM Port , 2 x HDMI (or DP) display interface and 2 x M.2 expansion slot offers the ideal platform for graphics performance with integrated IoT features, real-time performance, manageability, and security.

DIN-rail SKY 2 2I640DW Embedded controller with excellent processor performance, multiple Giga Ethernet ports and wide range 9-36V DC-IN features is the ideal solution for OpenVINO based AI accelerators platform and advanced Edge AI applications.



2I640DW

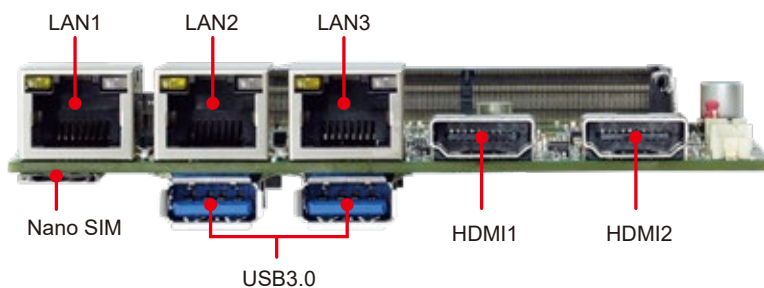
Function Map



21640DW

21640DW – Compact solution for Edge Gateway Appliance

- Intel® Elkhart Lake ATOM® x6413E / J6412 CPU
- 1 x DDR4 SODIMM socket, max. up to 32GB
- Display Interface : 2 x HDMI / DP, 1 x eDP
- 3 x Intel GbE I210IT or I211AT, 2 x COM (RS232/ 422/ 485)
- 6 x USB (2 x USB 3.0/2.0 + 4 x USB 2.0)
- 1 x M.2 B Key Type2242 / 3042 (PCIex2 / USB 3.0 / USB 2.0)
- 1 x M.2 B Key Type2242 (PCIex2 / USB 2.0)
- 1 x Nano SIM (option)
- Wide Range +9~36V



[Data Sheet](#)



SKY 2 2I640DW

Dimension: 145W x 111.2D x 71.9H

- Compact & Excellent DIN-Rail System
- Robust & Powerful Fanless Embedded solution

About LEX Comptech

Established in 1990, LEX Comptech 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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