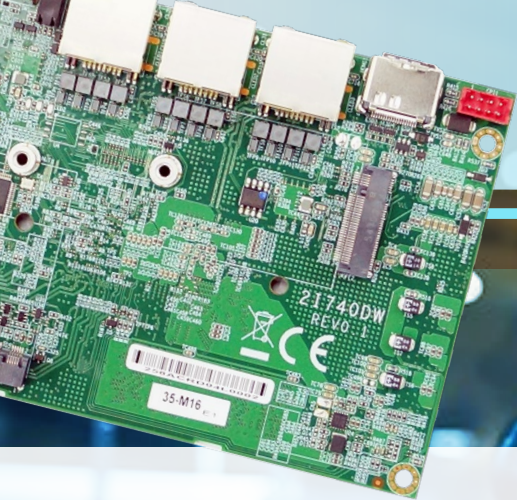


21740DW

**Compact Edge Gateway: LEX SYSTEM 21740DW
with Intel® Atom® Amston Lake SoC**





2I740DW

Compact Edge Gateway: LEX SYSTEM 2I740DW with Intel® Atom® Amston Lake SoC

LEX System 2.5" Plus SBC (115.4 x 84.5 mm): 2I740DW is with Intel Atom® x7000 (formerly Amston Lake) Series processors. By harnessing the Atom platform's core strengths—low thermal design power (TDP) for fanless reliability, superior power-performance efficiency, and robust edge responsiveness—the 2I740DW integrated 3 x 2.5GbE LAN, 5 x USB, 2 x COM Port, HDMI® and 2 x M.2 expansion slot offers the ideal platform for graphics performance with integrated IoT features, real-time performance, manageability, and security.

2I740DW with excellent processor performance, multiple 2.5 Giga Ethernet ports and wide range 9-24V DC-IN features is the ideal solution for OpenVINO based AI accelerators platform and advanced Edge AI, Intelligent Control, Factory Automation Industry 4.0, Internet of Things (IoT) and Edge Computing applications.

Function Map

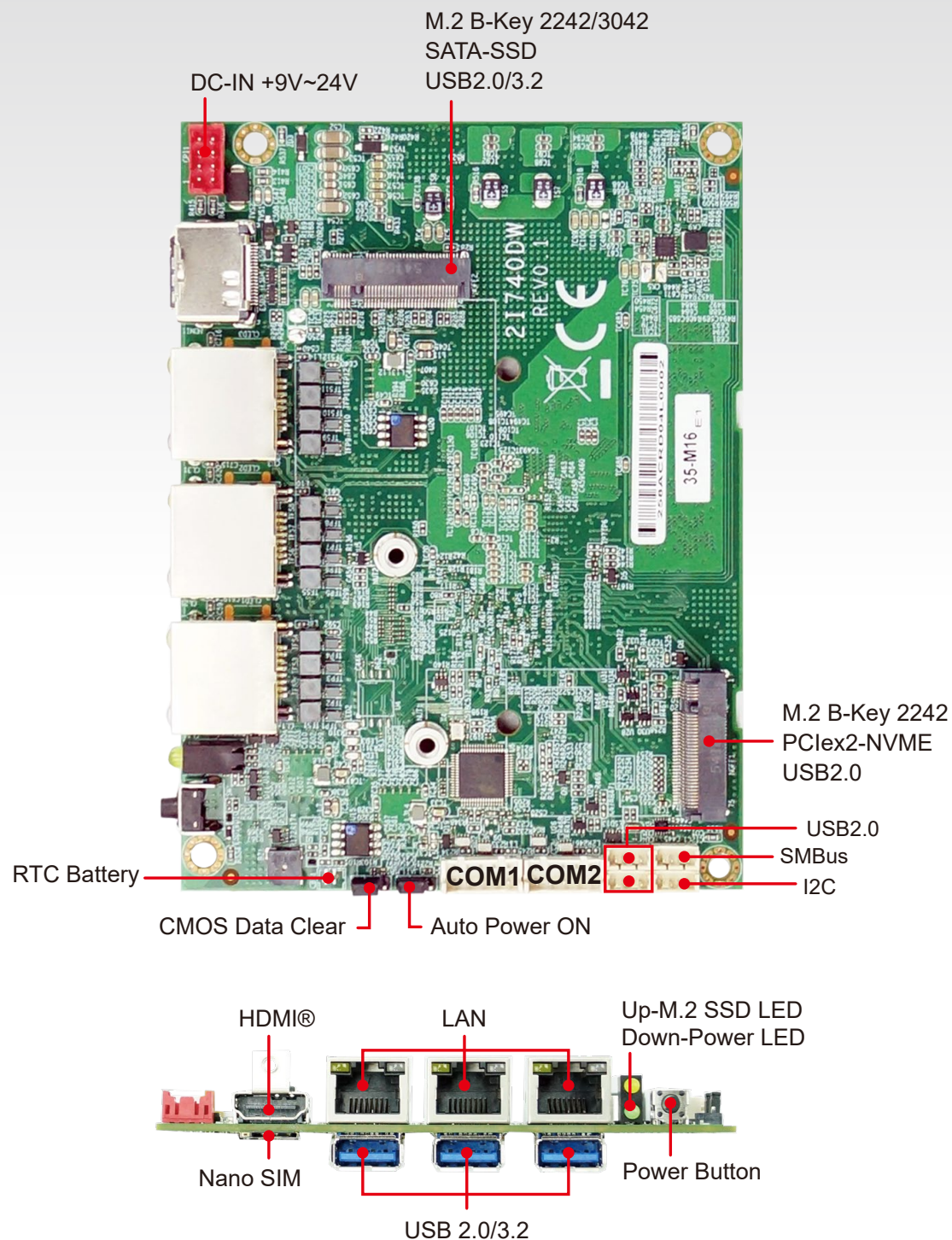


21740DW

Compact solution for Edge Gateway Appliance

Feature

- Intel® Amston Lake ATOM® x7000 series CPU
- Onboard LPDDR5, Max. 32GB
- Independent display: HDMI®
- 3 x Intel 2.5 GbE LAN, 3 x USB 3.2, 2 x USB 2.0
- 2 x COM, 2 x M.2, 1 x Nano SIM
- TPM 2.0 , Wide Range DC-IN+9~24V



Unlocking Infinite Versatility: Flexible Expansion for Your Edge AI Solutions

Engineered for ultimate adaptability, the motherboard supports a wide range of modular expansion combinations via CN073 M.2 modules. Utilizing the SSL connector, users can seamlessly connect to various expansion boards (via PCIe or USB signals) to satisfy diverse application demands:



CN073

Advanced Multi-LAN:

Choose from 4 x GbE (CL210A), 4 x PoE (CL210P), 4 x 2.5GbE (CL226A), or 4 x Fiber LAN (CL210F).

Robust 4G/5G Wireless:

Deploy via the 4-Port M.2 B-Key + 4-Port Micro SIM module (CN063).

Multimedia Integration:

Support real-time video analytics via the HDMI® video capture card (ME225-S).

I/O Enrichment:

Expand versatile connectivity with 4 x USB 3.0 ports (CU006-S).



www.lex.com.tw

Tailor your system effortlessly to conquer demanding industrial environments and complex AI inferencing!

M.2 2242 B+M Key to PCIe/USB 3.0 Signal Adapter Board

- Supports PCIe or USB signal via SSL connector with Micro Coaxial Cable



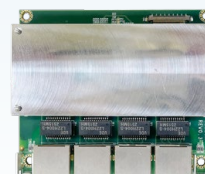
CL210A



CL210P



CL210F



CL226A



ME225A



CN063



CU006-S



NET-II 2I740DW

Dimension: 120W x 90D x 35H mm

- Compact & Excellent DIN-Rail System

Featuring an ultra-compact DIN-Rail design, the low-power NET-II 2I740DW leverages Intel® Atom® x7000 processors and comprehensive multi-network connectivity to deliver a highly flexible, space-saving gateway solution for industrial automation and real-time edge data collection.



FOX 2I740D

Dimension: 132.5W x 112.45D x 68H mm

- Compact & Excellent heat-dissipated Fanless Embedded System

Powered by Intel® Atom® x7000 processors, the compact, fanless FOX 2I740DW integrates rich wired and wireless connectivity, high-speed memory, and wide-temperature durability into a low-power, space-saving design, making it the ideal edge computing platform for harsh and constrained environments.

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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