


Ultra compact size and Flexible I/O expansion solution with Intel® Atom™ (formerly Elkhart Lake) Processor

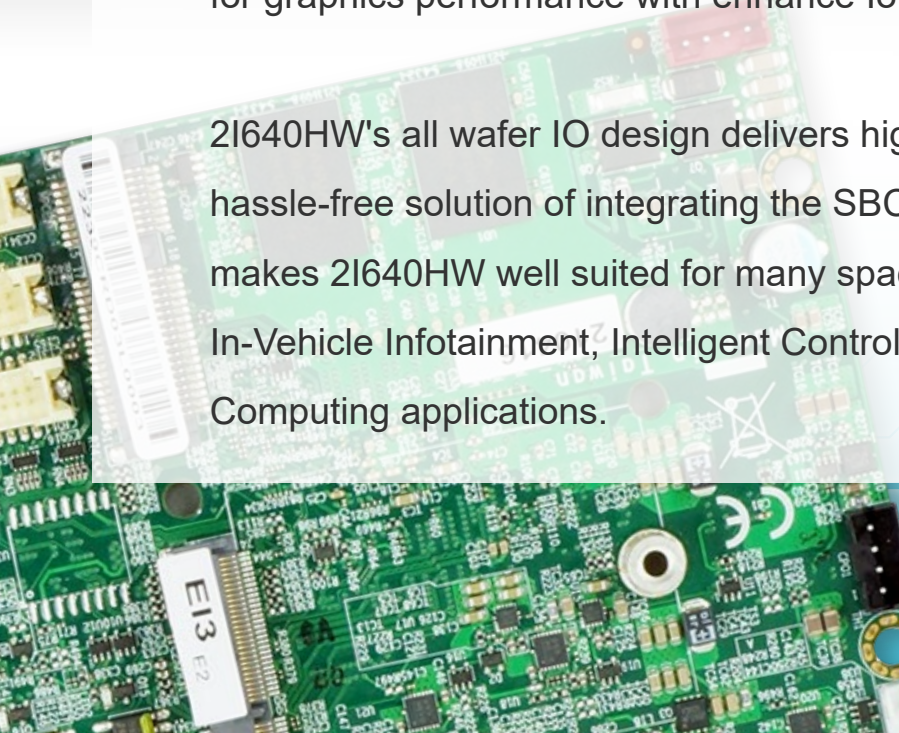


21640HW



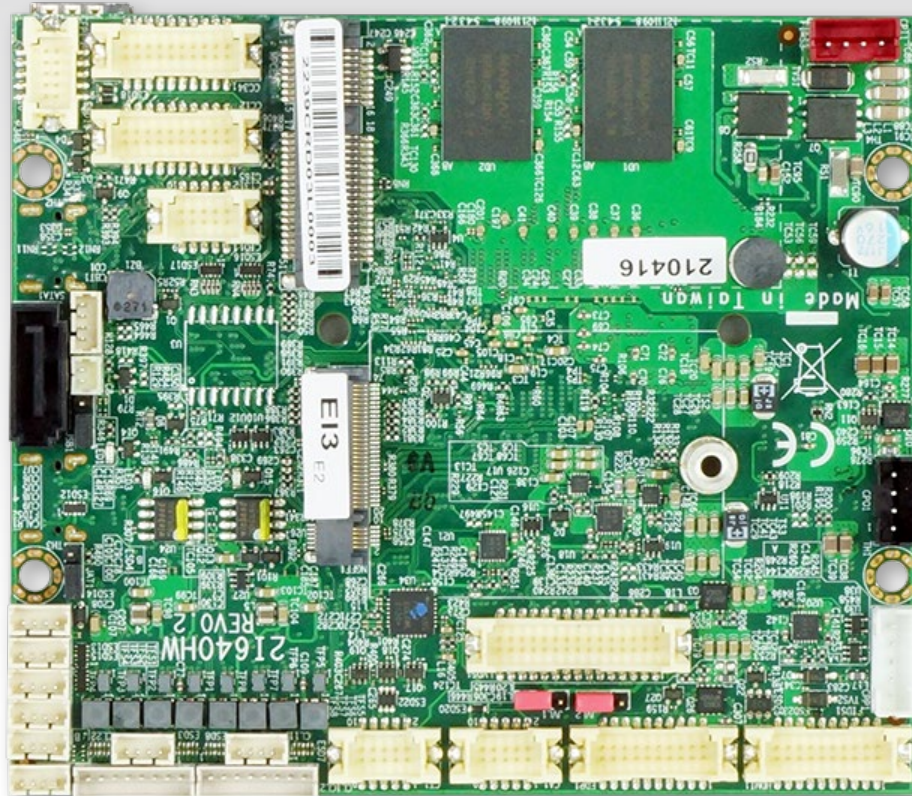
Ultra compact size and Flexible IO expansion solution with Intel® Atom™ (formerly Elkhart Lake) Processor

LEX Computech released the next generation 2.5" (102 x 88 mm) embedded board 2I640HW with Intel Atom® x6000E Series and Celeron® J (formerly Elkhart Lake) Series processors. Running with Intel® UHD Graphics ,2I640HW provide high-performance and full –features with integrated 2 x GbE LAN, 6 x USB, 4 x COM Port , HDMI,LVDS and eDP display interface and 1 x M.2, 1 x Mini Card expansion slot offers the ideal platform for graphics performance with enhance IoT features, real-time performance, manageability, and security.



2I640HW's all wafer IO design delivers high flexibility toward expanded functions & and also provides user hassle-free solution of integrating the SBC board within various mechanical enclosures. The compact size feature makes 2I640HW well suited for many space-limited and thermally constrained embedded applications, such as In-Vehicle Infotainment, Intelligent Control, Factory Automation Industry 4.0,Internet of Things (IoT) and Edge Computing applications.

Embedded IPC Board



21640HW

21640HW – ideal solution for space-limited embedded Applications

- Intel® Elkhart Lake ATOM® x6413E / J6412 CPU
- On Board LPDDR4 up to 8GB
- Independent display: 1 x HDMI, 1 x LVDS, 1 x eDP
- 2 x Intel GbE LAN, 1 x USB 3.0, 5 x USB 2.0
- 4 x COM, 1 x Mini PCIe, 1 x M.2, 1 x Nano SIM
- Touch Screen, HD Audio, 4DI / 4DO
- TPM 2.0
- Wide Range DC IN +9~36V
- Wide temperature support of -20°C ~ 70°C

 [Data Sheet](#)

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2I640HW with TERA M12 connectors provides reliable connectivity in harsh environments.

TERA

Dimension: 145W x 106.2D x 56.5H

- Compact size Fanless Solution
- Robust M12 connectors

Lex SYSTEM[®]

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Waterproof solution with Intel® Atom™ (formerly Elkhart Lake) Platform

LEX SYSTEM IP67 Embedded Systems and Panel PC series are with Intel® Atom™ (formerly Elkhart Lake) platform which offering IP67 rating protection with waterproof and dust-resilience capability, -20°C to 60°C extended operating temperature, 9V to 36V DC input, battery charger function and multiple M12 waterproof connectors in slim, fanless & rugged design.

Lex SYSTEM®

www.lex.com.tw



SHARK IP67 Box PC

Dimension: 250W x 168D x 40H

- Compact size Fanless Solution
- IP67 waterproof solution



SHARK



STAR



STAINLESS

Waterproof Bezel Free Panel PC

SHARK/ STAR/ STAINIESS IP67 Waterproof Solution

- Touch Screen panel
- Bezel free mechanical design



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.

Taiwan Headquarters LEX Comptech Co. Ltd

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

Europe Sales representative LEXCOM B.V.

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

Russia Sales representative LEX Comptech Co. Ltd

Tel: 7 906 082-8862
Email:
anton@lex.com.tw
www.lex.com.tw

China Sales representative LEX Comptech Co. Ltd

Tel: 86 29 8623-9340 Fax: 86 29 8623-9340
Peter
手机: 18500172031 or 13823511963
E-mail: peter@lex.com.tw
Robin
手机: 15829309561 or 13379296808 同微信号
E-mail: robin@lex.com.tw