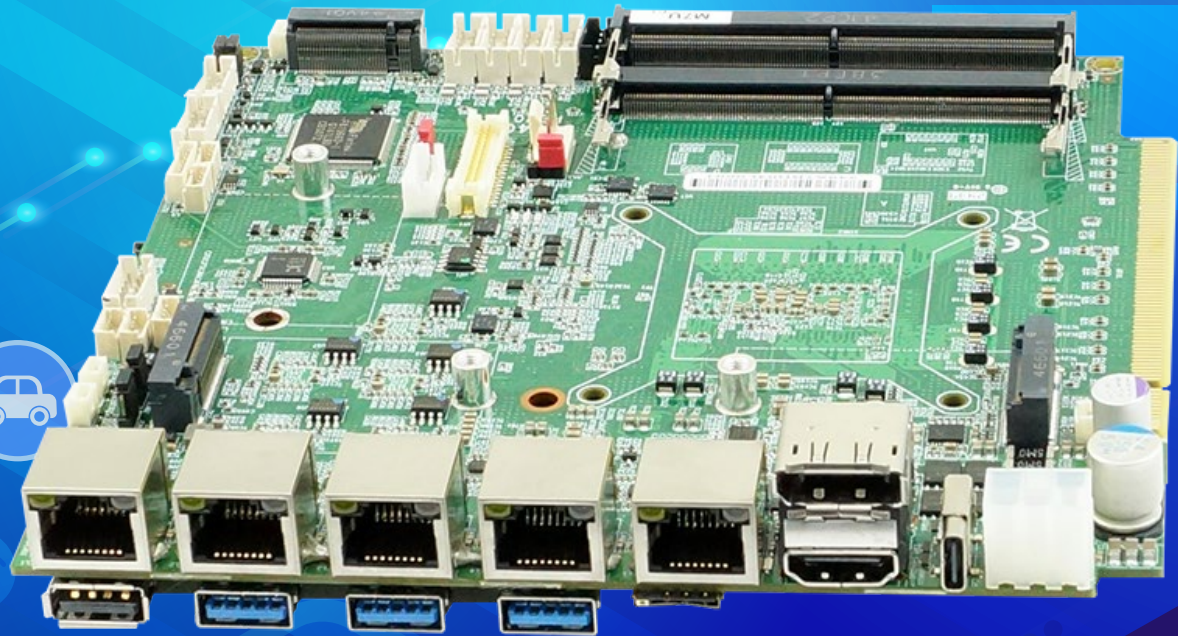


3I140DW

Maximizing performance 3.5" SBC with 14th /15th Gen.
Intel® Meteor Lake / Arrow Lake Core™ Ultra Processor



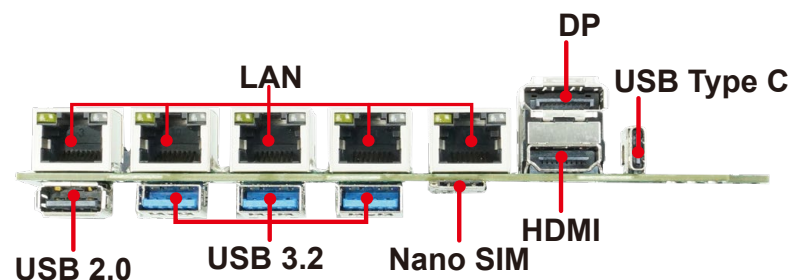
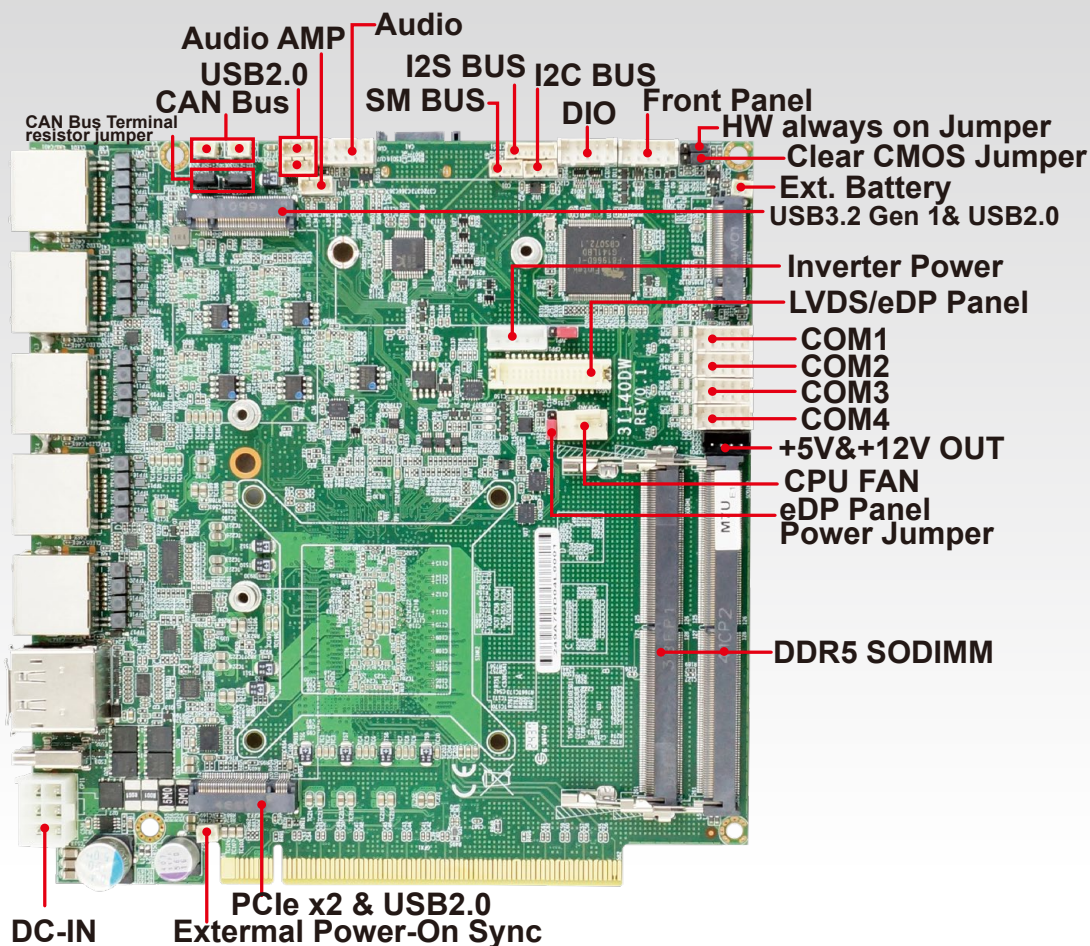


3I140DW

Maximizing performance 3.5" SBC with 14th /15th Gen. Intel® Meteor Lake / Arrow Lake Core™ Ultra Processor

The LEX SYSTEM 3I140DW is a 155 x 150mm single board computer (SBC) powered by Intel® Core™ Ultra 7/5 100 Series processors (formerly 14th Gen Meteor Lake U/H & 15th Gen Arrow Lake). It comes equipped with two DDR5 SO-DIMM slots, supporting up to 64GB of memory, and offers multiple display interfaces, including HDMI, DP, LVDS (eDP), and Type C DP ALT. 3I140DW provides robust networking capabilities with 5 Intel® 2.5G LAN ports and a wide array of I/O options, such as Serial Port, CANBus, USB 3.2, USB 2.0, and SATA III. It also features a PCIe golden finger, Nano SIM slot, and M.2 slots (M-Key, 2 x B-Key) for additional storage, wireless modules, and 5G connectivity. With a versatile DC input range of 9V to 36V, the 3I140DW is adaptable to various power sources and environments, making it perfect for use in industrial automation, manufacturing, transportation, healthcare, and other edge AI applications.

Function Map



3I140DW

3I140DW – high performance solution for innovated embedded Applications

- Intel® Core™ Ultra 7/5 processors
- 2 x DDR5 SODIMM (Max. 64GB)
- Multiple Independent display:
 - 1 x HDMI®, 1 x DP, 1 x LVDS, 1 x Type C DP ALT
- 5 x Intel 2.5 GbE LAN, 3 x USB 3.2 Gen 1x1, 3 x USB 2.0
- 1 x M.2 M Key, 2 x M.2 B Key, 1 x Nano SIM, 1 x PCIe x16
- 4 x COM, 2 x CANBus 4DI/4DO, Audio
- TPM 2.0, SMBus, I2C, I2S



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

Europe Branch Office LEXCOM B.V.

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

CHINA Distributor

Tel: 18500172031 or 13823511963
E-mail: peter@yanyitong.com.cn

Tel: 13379296808 同微信号
WeChat : 13379296808
E-mail: robin@yanyitong.com.cn