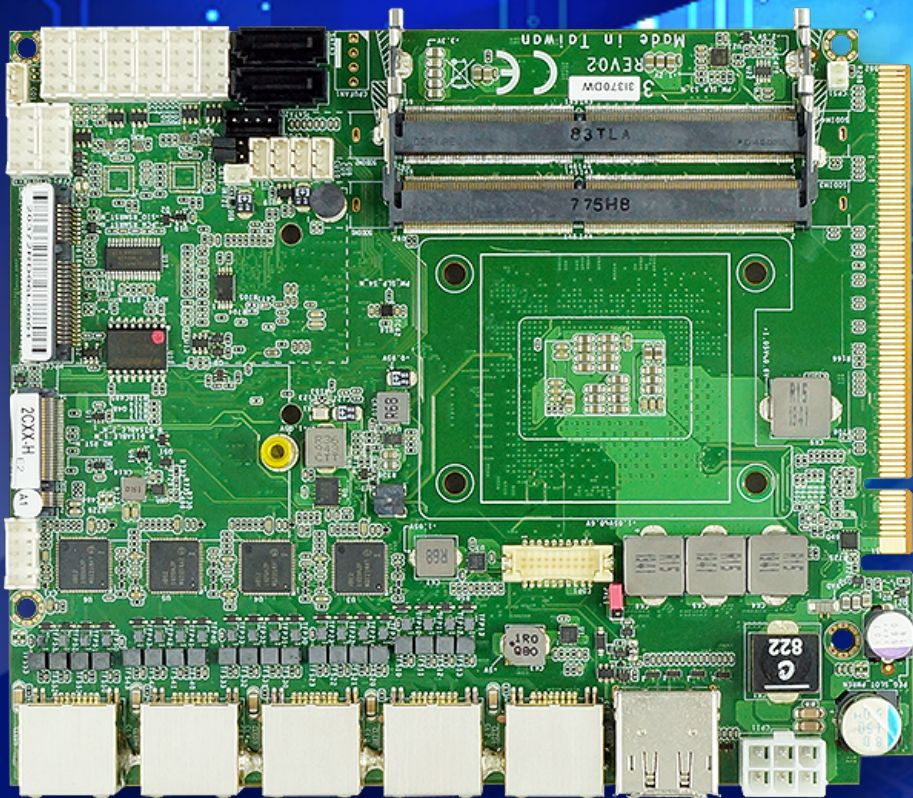


Maximizing performance 3.5" SBC with Intel® 9th/8th gen Coffee Lake-S Core™ processor



31370DW Series



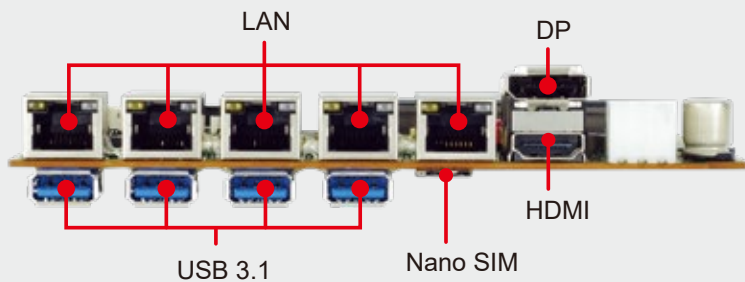
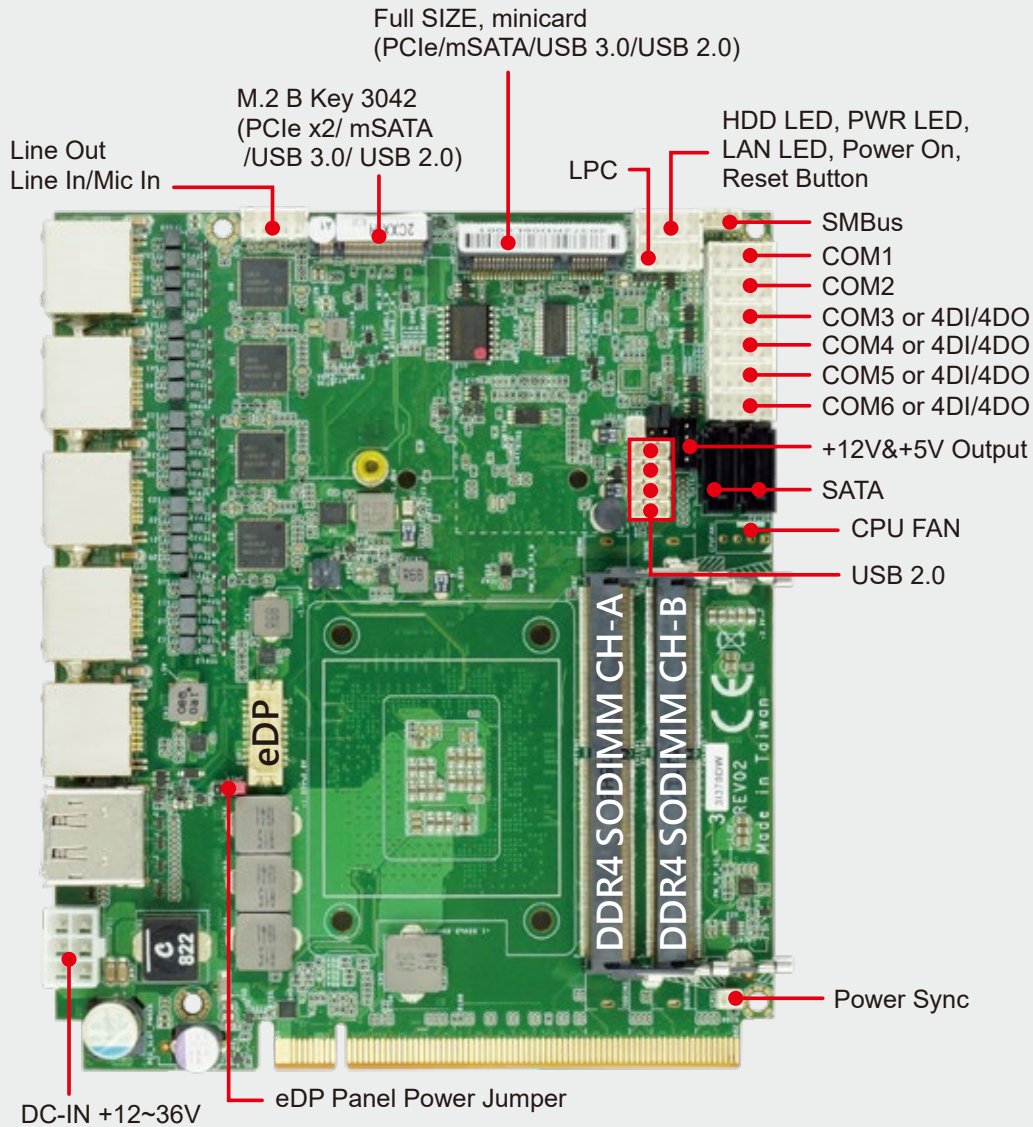
3I370DW

Maximizing performance 3.5" SBC with Intel® 9th/8th gen Coffee Lake-S Core™ processor

LEX SYSTEM 3I370DW, with latest Intel 9th/8th Gen Coffee Lake-S Core i CPU, equipped with 5 x GbE, 6 x RS232/RS422/485 serial ports, 8 x USB, 16 DI /16 DO, DP, HDMI & eDP and PCIe/mPCIe/M.2 expansion slots, is ideal platform to integrate diagnostic test tools and control equipments for video surveillance, vehicle communication and industrial IoT automation applications.

3I370DW provides the option of horizontal & vertical type memory SODIMM socket for flexible implementing with heat-spreading requirement. Furthermore, APOLLO-S & APOLLO-RS 3I370DW mechanical design provide rugged and scalable computing platforms that support installing graphics card which benefit the implementation of advanced AI applications such as machine learning, autonomous vehicle, intelligent video analytics, facial recognition.

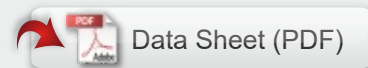
Function MAP



31370DW

31370DW –Completed solution for AI & Industry 4.0 Applications

- Intel® 9th /8th Gen Coffee Lake-S, i9(35W)/ i7 /i5 /i3 /Pentium/ Celeron CPU
- Intel® Q370 Chipset
- 2 x DDR4 SODIMM socket, Max. 64GB,
- Multiple Independent display: HDMI, DP & eDP (eDP to VGA and DVI converter)
- 5 x Intel GbE LAN, 4 x USB 3.1, 4 x USB 2.0, TPM2.0
- 1 x Full size Mini PCIe (PCIe / mSATA / USB 3.0 / USB2.0)
- 1 x M.2 B Key, Type 224 (Support NVME)
- 1 x PCIe 16x golden finger
- 6 x RS232/422/485 (internal) – Optional to DIO port
- 16 DI/ 16 DIO-Optional to Serial Port
- Wide Range DC Input +12~36V
- Wide Range temperature support -20 °C ~ 60°C





APOLLO-S + 3I370DW

APOLLO-S

Dimension : 230 x 99 x 173 mm

- Excellent heat-dissipating System
- Robust & Powerful Fanless Embedded solution



Data Sheet (PDF)



APOLLO-RS + 3I370DW

APOLLO-RS

Dimension : 230 x 109 x 173 mm

- Super Excellent heat-dissipating System
- Robust & Powerful Fanless Embedded solution
- Support 1x PCIe Slot expansion

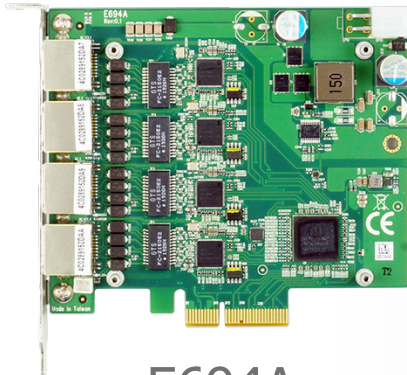
Extension Cards



RS804

RS804 : Riser card for PCIe to 1 x PCIe Slot

- PCIe (x16) interface to 1 x PCIe Slot (PCIe x16)
- Riser Card for Apollo-RS 3I370DW
- 110 x 45 mm



E694A

E694A : 4 x PoE 802.3 AF/AT

- PCIe x 4 Compliant
- 4 x Intel I210 IT Chipset
- 120 x 101 mm



PW502

PW502 : Wide range Power board & Power Supply

- Input Voltage : 18V~75V, 9V~36V or 16.6V~154V
- Output : 4 x +12V DC output (Optional to 24V)
- Operating base plate temperature -40°C to +100°C
- Isolation voltage : 3000V
- Power : 200W
- 102 x 73 mm