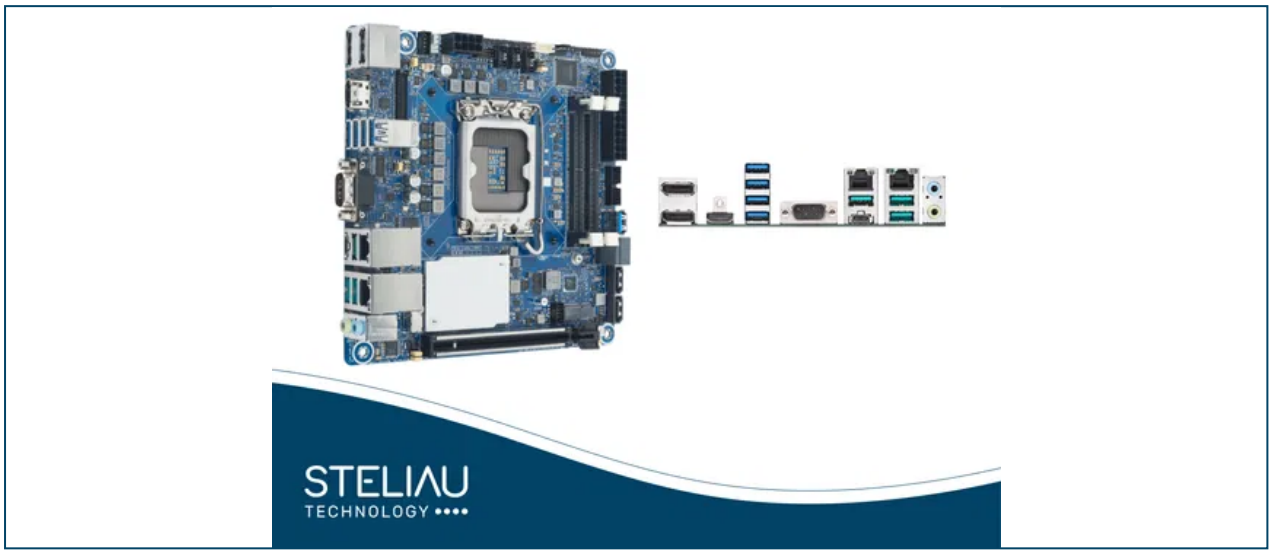
ASUS IOT Q870I-IM-A



Mini-ITX motherboard with New LGA 1851 Socket for Intel® Core™ Ultra Processors, Q870 Chipset, 2*DDR5 SO-DIMM slots, PCIe Gen 5.0, DP, HDMI, USB TypeC (DP-alt)

- Support up to 65W Intel® Core Ultra 9/7/5 processors (Series2)
- Dual DDR5 SO-DIMM Up to 6400 MHz
- Support PCIe Gen 5 *16 slot
- Multiple Display Configuration: DP; USB TypeC (DP-alt); HDMI; eDP/LVDS
- 1 x Intel 2.5 Gigabit LAN (Intel vPro support); 1 x Intel 1 Gigabit LAN

Q870I-IM-A is a next-gen Mini-ITX industrial motherboard built with the latest Intel® Q870 chipset and LGA 1851 socket for Intel® Core™ Ultra Series 2 processors.

Engineered for high-performance embedded and industrial applications, it supports up to 65W Intel® Core™ Ultra 9/7/5 CPUs and dual DDR5 SO-DIMM memory up to 6400 MHz.

With a PCIe Gen 5.0 x16 slot for advanced expansion, the board delivers outstanding graphics and computing performance. It supports multiple 4K display outputs via DP, HDMI, USB Type-C (DP-alt mode), and optional eDP/LVDS, offering maximum flexibility for advanced visual applications.

Connectivity is robust, featuring dual Intel LAN: 1 x 2.5GbE with Intel® vPro® support and 1 x 1GbE, ensuring reliable and secure networking. Comprehensive M.2 expansion with M key and E key slots further enables high-speed storage and wireless modules.

Whether powering edge AI, automation systems, or high-end computing, the Q870EI-IM-A is an ideal choice for a wide range of industrial applications.

For full product
info and datasheet
Click here

Asus IoT

ASUS IoT is a sub-brand of ASUS dedicated to the creation of incredible solutions in the fields of AI and IoT. Our mission is to become a trusted provider of embedded systems and partner to the wider AIoT solutions ecosystem.