TAIPEI, TAIWAN, 12. 03, 2024
COMMELL unveiled LS-37S on Intel® Core™ Ultra Processor (Meteor Lake MTL-H/U Platform)

Taiwan Commate Computer Inc .(COMMELL), the worldwide leader of Industrial Single Board Computers, unveiled LS-37S 3.5" Single Board based on Intel® Core™ Ultra Processors (Series 1) FCBGA2049 "Meteor Lake" Ultra U/H series.

The LE-37S Single Board is designed for the Intel® Core™ Ultra Processors (Series 1) Intel® Meteor Lake Ultra H/U Processor - Ultra 7 165U has 12MB cache up to 4.9 GHz, Intel's processor supports DDR5 memory.

The highest officially supported memory speed is 5600 MHz. LE-37S features one DDR5-5600 SO-DIMM slot for up to 96GB of memory.

LE-37S Intel® Core™ Ultra Processor (Meteor Lake MTL-H/U Platform) Features up to 16 cores/22 threads, with built-in NPUs for AI, and Arc graphics, the chips are Intel's first consumer processors running on its Intel 4 node, using the company's Foveros 3D hybrid architecture. Also be the first line of Intel processors using neural processing units, or NPUs.

LE-37S features onboard one HDMI port, LVDS, eDP, DP++,Type-C (DP Alt. Mode), and can control up to four displays simultaneously. LE-37S offers the features as 2 x USB2.0, 3 x USB3.2 Gen2 and 2 x SATAIII, equipped with three 2.5Gb Ethernet by RJ45 (1 x Intel® I226-LM 2.5 Gigabit LAN and 2 x Intel® I226-V 2.5 Gigabit LAN), 2 x RS232/422/485 and 2 x RS232, 1 x 8bits GPIO, 1 x HD Audio, 1 x Audio Amplifier with 3Watt for 4ohm speaker, 1 x SMBus, 2 x M.2 Key M 2280 for support PCIe Gen4 device such as NVMe, 1 x M.2 Key E 2230 for Wi-Fi & BT module, 1 x MiniPCIe with SIM Slot (support mSATA), and 9~35V DC input.