



209.95 EUR
incl. 19% VAT, plus [shipping](#)

- Intel Alder Lake !
- H610 Chipset !
- 12V DC-in !

Long-term availability until at least 2030.

- Intel® Alder Lake 12th i9/i7/i5/i3 LGA 65W processor
- Available with Intel® H610 / Q670 Chipset
- Intel® vPro technology support (only Q670)
- 2x DDR4 SO-DIMM up to 64GB
- Support dual display for 2x DisplayPort
- 1x M.2 2280M-key (NVME & SATA), 1 x PCIe X16 Gen 4
- 1 x Intel® 2.5Gigabit Ethernet, 1 x Intel® Gigabit Ethernet
- DC-in 12V

FORM FACTOR

Mini-ITX: 6.7" x 6.7" (170 mm x 170 mm)

PROCESSOR

12th Gen Intel® Alder Lake LGA1700 Socket Processor / Core i9/i7/i5/i3 Processor / TDP 65W

CHIPSET

Intel® H610
DDR4 3200 MHz

SYSTEM MEMORY

/ 2 x 260-pin SO-DIMM
/ Max. 64 GB (Non-ECC)

GRAPHICS

Intel® UHD Graphics

ETHERNET

Intel® I219-LM Giga LAN + Intel® I225V 2.5 Giga LAN

AUDIO

-

I/O CHIPSET

Nuvoton NCT6126D(eSPI)

TPM

TPM Header / (support optional TPM module board NPCT750)

| | |
|-----------------------|--|
| EXPANSION SLOT | PCIe 4.0 X16 slot / 1x M.2 2280 M key (PCIe3.0 X4, SATAIII) |
| BIOS | - |
| H/W MONITOR | Temperature Monitor / Voltage Monitor / Fan Monitor |
| WATCHDOG TIMER | 1~255 steps by software program |
| SMART FAN CONTROL | CPU Fan / System Fan |
| 2nd DISPLAYPORT | Up to 4K (4096 x 2304) @60 Hz |
| VGA | - |
| DVI | - |
| HDMI | - |
| DISPLAYPORT | Up to 4K (4096 x 2304) @60 Hz |
| LVDS | - |
| eDP (Option) | - |
| USB | 2 x USB 2.0 / 2 x USB 3.2 Gen 2 |
| DISPLAY I/O | 2 x DisplayPort 1.4 |
| AUDIO I/O | 1 x Mic-in / 1 x Line-out |
| LAN I/O | 2 x RJ-45 |
| SERIAL PORT | - |
| PS/2 PORT | - |
| OTHERS | DC-in 12V (2.5 mm / ID, 5.5 mm / OD) |
| STORAGE | 2 x SATAIII / 1 x SATA power header / 1 x SATA DOM header 2 x USB 3.2 Gen1 |
| USB | / 2 x USB 2.0 |
| DISPLAY I/O | - |
| AUDIO I/O | - |
| SERIAL PORT | 1 x RS232 / 1 x RS232 / 422 / 485 |
| PARALLEL PORT | - |
| GPIO | - |
| FAN | 1 x 4-pin CPU Fan Header / 1 x 4-pin System Fan Header 1x 12V DC in Jack (same as S5557; 2.5mm/ ID, 5.5mm/ OD), / 1 x |
| POWER | ATX-4pin Connector |
| OTHERS | 1 x CMOS Jumper / 1 x FIO header / 1 x intrusion switch header |
| POWER INPUT | DC-in 12V (2.5 mm / ID, 5.5 mm / OD) / ATX 4-pin 12V |
| OPERATING TEMPERATURE | 0 ~ 60°C (32 ~140°F) |
| STORAGE TEMPERATURE | -40 ~ 85°C (-40 ~185°F) |
| OPERATING HUMIDITY | 10% ~ 95% R/H (Non-condensing) |
| CERTIFICATION | CE / FCC Class B |
| OS SUPPORT | Windows® 11 64bit, / Windows® 10 IoT LTSC 64bit (LTSC 2021) / Ubuntu 22.04 / Linux (support by request) |
| PACKAGE | 1 x Motherboard / 2 x I/O Bracket (Half and Full Height) / 1 x SATA & SATA PWR Cable |