



259.95 EUR

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

- Intel Q470 Chipset !
- Intel vPro tech support !
- Support triple display !
- ATX Powered !



- Up to Intel® Comet Lake 10th i9 35W & i5 95W LGA processor
- Intel® Q470 Chipset
- Intel® vPro technology support
- 2 x DDR4 SO-DIMM up to 32GB
- Support triple display for HDMI, DisplayPort and LVDS/eDP
- 1 x M.2 M 2280, 1 x M.2 E 2230, 1 x mPCIe Full size, 1 x PCIe X16
- 2 x Intel® Gigabit Ethernet
- ATX

MECHANICAL

FORM FACTOR

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

| | | | |
|---------------------|-------------------|--|-------------------------|
| SYSTEM | PROCESSOR | 10th Gen Intel® Comet Lake LGA1200 Socket Processor / 10core TDP Max 35W / 8ccore TDP 65W / (ATX support 6core 95W) | |
| | CHIPSET | Intel® Q470 (Support RAID 0 / 1 / 5, VPro) / colay H420E | |
| | SYSTEM MEMORY | DDR4 2933/2666/2400MHz / 2 x 260-pin SO-DIMM / Max. 64 GB (Non-ECC) | |
| | GRAPHICS | Intel® HD Graphics | |
| | ETHERNET | Intel® I219-LM Giga LAN + Intel® I210-AT Giga LAN | |
| | AUDIO | Realtek® ALC662 / ALC888 | |
| | I/O CHIPSET | Nuvoton NCT6126D(eSPI) | |
| | TPM | Nuvoton NPCT750AAAYX TPM2.0 (Optional) | |
| | EXPANSION SLOT | 1 x M.2 2230 E key(PCIe / USB) / PCIe 3.0 X16 slot / M.2 2242 / 2280 M key (PCIe, SATA) / Mini PCIe Full size (PCIe / USB / SATA) | |
| | GRAPHICS | BIOS | AMI BIOS / 256 Mbit SPI |
| 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 | | - | |
| VGA | | - | |
| DVI | | - | |
| HDMI | | Up to 4K (4096 x 2160) @30 Hz | |
| DISPLAYPORT | | Up to 4K (4096 x 2304) @60 Hz | |
| LVDS | | Up to 1920 x 1200 @60 Hz | |
| REAR I/O | eDP (Option) | Up to 4K (4096 x 2304) @60 Hz | |
| | USB | 4 x USB 2.0 / 4 x USB 3.2 Gen 2 (Q470) | |
| | DISPLAY I/O | 1 x HDMI 1.4 / 1 x DisplayPort 1.2 | |
| | AUDIO I/O | 1 x Mic-in / 1 x Line-out / 1 x Line-in | |
| | LAN I/O | 2 x RJ-45 | |
| | SERIAL PORT | 2 x RS232 (one support RS422,/485) | |
| | PS/2 PORT | - | |
| | OTHERS | - | |
| | STORAGE | 2 x SATAIII | |
| | USB | 1 x USB 3.0 / 2 x USB 2.0 | |
| INTERNAL CONNECTORS | DISPLAY I/O | 1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector | |
| | AUDIO I/O | - | |
| | SERIAL PORT | - | |
| | PARALLEL PORT | - | |
| | GPIO | 1 x MiAPI Header (Programmable. Support 10-bit GPIO) | |
| | FAN | 1 x 4-pin CPU Fan Header / 1 x 4-pin System Fan Header | |
| | POWER | 1 x ATX Power Connector / 1 x AT / ATX Mode Select Jumper / ATX 12V Power Connector (24-pin + 4-pin) | |
| | OTHERS | 1 x CMOS Jumper / 1 x Front Audio Header (Mic-in & Line-out) / 1 x panel power select header / 1x buzzer header / 1 x SPDIF | |
| | POWER REQUIREMENT | POWER INPUT | ATX 24-pin + 4-pin |

| | | |
|---------------|--|--|
| ENVIRONMENTAL | <p>OPERATING TEMPERATURE STORAGE TEMPERATURE OPERATING HUMIDITY CERTIFICATION</p> | <p>0 ~ 60°C (32 ~140°F) -40 ~ 85°C (-40 ~185°F) 10% ~ 95% R/H (Non-condensing) CE / FCC Class B</p> |
| OS | OS SUPPORT | Windows® 10 64-bit / Linux (support by request) |
| PACKING LIST | PACKAGE | 1 x Motherboard / 1 x 50 cm SATA Cable / 1 x Quick Installation Guide / 1 x I/O Bracket (Full Height) |