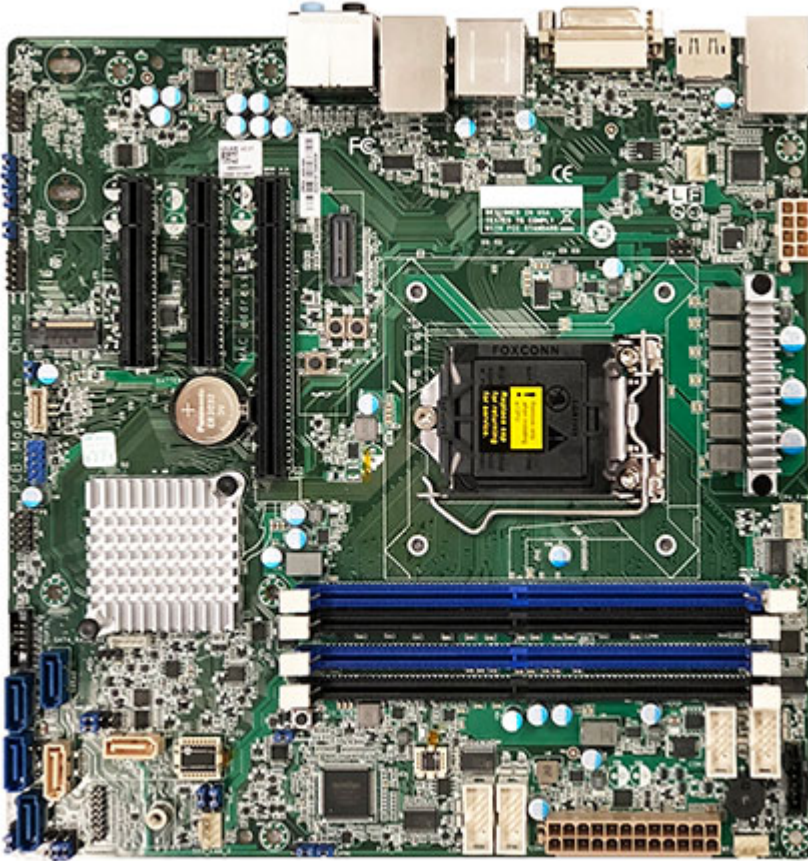


239.00 EUR
incl. 19% VAT, plus [shipping](#)



- Intel® Coffee Lake Core i7/i5/i3/Pentium/Celeron LGA1151 processors
- Intel® Q370 / H310 Chipset
- Intel® vPro technology supported
- 4 x DDR4 DIMM, support up to 64GB
- Support triple display for 2 x DisplayPort and DVI
- Support PCIe X16 (Gen 3) slot, 2 x PCIe X4 (Gen 3) slot, and M.2 slot
- 6 x SATAIII (support RAID 0, 1, 5, 10 w/ Q370)
- 2 x Intel® Gigabit Ethernet
- 4 x USB 2.0, 2 x USB 3.0, 4 x USB3.1 (Gen 2), 4 x COM
- ATX power input

PH10FEU (PH10FEU) Specifications

MECHANICAL

FORM FACTOR

Micro-ATX: 9.6" x 9.6" (244 mm x 244 mm)

| | | |
|----------|-------------------|--|
| SYSTEM | PROCESSOR | 9th & 8th Gen Intel Coffee Lake LGA1151 Socket Processor, Core i7/i5/i3 6-core TDP Max. 95W, Core i9 8-core TDP Max 35W |
| | CHIPSET | Intel® Q370 (Support RAID 0 / 1 / 5 / 10) / Intel® H310 |
| | SYSTEM MEMORY | DDR4 2666MHz / 4 x 288-pin U-DIMM / Max. 64 GB (Non-ECC) |
| | GRAPHICS | Intel® HD Graphics |
| | ETHERNET | Intel® I219-LM Giga LAN + Intel® I210-AT Giga LAN |
| | I/O CHIPSET | Nuvoton NCT6683D |
| | AUDIO | Realtek® ALC892 |
| | TPM | Nuvoton NPCT750AAAYX TPM2.0 (Optional) |
| | EXPANSION SLOT | PCIe 3.0 X16 slot / 2 x PCIe 2.0 X8 slot (X4 Lanes) for Q370 / PCIe 2.0 X8 slot (X4 Lanes) for H310 / M.2 2242 / 2280 M key (PCIe) |
| | 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 |
| GRAPHICS | VGA | - |
| | DVI | Up to 4K (4096 x 2160) @30 Hz |
| | HDMI | - |
| | DISPLAYPORT | Up to 4K (4096 x 2304) @60 Hz |
| | LVDS | - |
| | eDP (Option) | - |
| REAR I/O | USB | 4 x USB 3.1 Gen 2 (Q370) / 2 x USB 2.0 (Q370) / 4 x USB 2.0 (H310) / 2 x USB 3.0 (H310) |
| | DISPLAY I/O | 2 x DisplayPort 1.2 / 1 x DVI-D |
| | AUDIO I/O | 1 x 6-stack Audio Jack |
| | LAN I/O | 2 x RJ-45 |
| | SERIAL PORT | - |
| | PS/2 PORT | - |
| | OTHERS | - |

| | | |
|---------------------|-----------------------|--|
| | STORAGE | 6 x SATAIII / 4 x SATAIII (H310) |
| | USB | 2 x USB3.0 (Q370) / 2 x USB 2.0 |
| | DISPLAY I/O | - |
| | AUDIO I/O | - |
| | SERIAL PORT | 4 x RS232 |
| | PARALLEL PORT | - |
| | GPIO | - |
| INTERNAL CONNECTORS | FAN | 1 x 4-pin CPU Fan Header / 1 x 4-pin System Fan Header |
| | | 1 x 8-pin ATX Power Connector / 1 x 24-pin ATX Power Connector / 1 x AT / ATX Mode Select Jumper |
| | POWER | |
| | | 1 x Chassis Intrusion / 1 x CMOS Jumper / 1 x Front Audio Header (Mic-in & Line-out) |
| | OTHERS | |
| POWER REQUIREMENT | POWER INPUT | ATX 8-pin + ATX 24-pin |
| | OPERATING TEMPERATURE | 0 ~ 60°C (32 ~140°F) |
| | STORAGE TEMPERATURE | -20 ~ 70°C (-4 ~158°F) |
| ENVIRONMENTAL | OPERATING HUMIDITY | 10% ~ 95% R/H (Non-condensing) |
| | CERTIFICATION | CE / FCC Class B |
| 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 I/O Bracket |