

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



Support: [Specifications](#) | [MiAPI Interface](#)

- Support Intel Coffee lake processors
- Dual channel DDR4 260-pin SO-DIMM
- Intel® vPro business-grade technology support (with Q370 chipset)
- Dual high speed Gigabit Ethernet connection
- Two M.2 (NGFF) connector for expansion
- Features 4 SATA3 (6Gbps)
- Triple display connectivity by dual DP & HDMI
- Embedded LVDS connectivity
- Onboard 2/4 serial ports

Item

Form Factor

Processor

Chipset

Spec

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

CPU Type : Intel Coffee lake Processor

CPU Core : Dual Core / Quad Core / Hexa core

Socket : Socket LGA1151

TDP : Support up to 65W CPU types

Chipset Series : Intel® Q370 Chipset

| | | |
|-----------------------------------|--|---|
| | Memory Type : DDR4 @ 1.2V, 2666 MHz (Unbuffered Non-ECC) | |
| | Memory Channel: Dual Channel | |
| Memory | Memory Capacity : Support total up to 32GB | |
| | ECC Support : No | |
| | Memory Socket: 260-pin So-DIMM socket | 2 |
| Audio | Codec: HD audio codec, Realtek ALC662 | |
| | PCIe 3.0 x 16 slot | 1 |
| Expansion Capability | M.2 (NGFF) M key 2242/2280 (PCIe / SATA) for storage | 1 |
| | M.2 (NGFF) E key 2230 (PCIe / USB) for wireless | 1 |
| | HDMI out | 1 |
| | DP out | 4 |
| External I/O | USB 3.1 gen 2 (10 Gb/s) | 4 |
| | RJ-45 | 2 |
| | Line-Out | 1 |
| | Mic-In | 1 |
| | Line-In | 1 |
| | 40PIN Header LVDS Connector | 1 |
| | USB3.0 ports | 2 |
| | Front audio Header (Mic / HP) | 1 |
| | DMIC Header | 1 |
| | Internal Speaker (support 2W) | 1 |
| | USB 2.0 ports | 2 |
| | Serial port header (one configurable for RS232/422/485) | 4 |
| Internal I/O | MiAPI Programmable header (support GPIO x 10, SMBUS x 1, UART x 1, Watchdog x1) with API library supported for Windows OS | 1 |
| | SATA 3.0 6 Gb/s (PCH Q series Support RAID 0, 1) | 4 |
| | Front Panel header | 1 |
| | LVDS inverter power header | 1 |
| | Clear CMOS header | 1 |
| | Panel power Header (default 5V, option to 12V, 3.3V) | 1 |
| | CPU fan header | 1 |
| | SYS fan header | 1 |
| Security | Nuvoton NCT6116D | |
| | Intel® vPro™ Technology support | |
| | TPM security by Nuvoton NPCT750AAAYX (optional) | |
| LAN Support | Intel® I219 Gigabit (10/100/1000 Mb/s) LAN | |
| | Intel® I211 Gigabit (10/100/1000 Mb/s) LAN | |
| BIOS | Support for Advanced Configuration and Power Interface (ACPI) setting | |
| Instantly Available PC Technology | Suspend to RAM support | |
| | Wake on PCI Express, LAN, front panel, serial, and USB ports | |
| Hardware Monitor Subsystem | Hardware monitoring through the Nuvoton6104D legacy I/O controller, including: | |
| | Remote thermal sensor | |
| | Speed control for 4-pin system fan header and 4-pin CPU fan header | |
| Power Requirement | ATX PWR Con (24+4 pin) | |
| Environment | Operating Temperature: 0 °C to +60 °C | |
| | Storage Temperature: -20°C to +70°C | |
| OS Support | Windows 10 64bit, Linux (support by request) | |

Safety

CE
FCC