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 | Spec |
|---|---|
| Form Factor | Mini-iTX, 6.7" x 6.7" (170mm x 170mm) |
| Processor | 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 | 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 |
| | USB 3.1 gen 2 (10 Gb/s) | 4 |
| External I/O | 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 |
| | Nuvoton NCT6116D | |

| | |
|---|---|
| Security | 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 |