

999.00 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 3 SATA3 (6Gbps)
- Dual display connectivity by DP & HDMI
- Embedded LVDS / eDP connectivity
- Onboard 2/4 serial ports

Form Factor

Thin 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

Chipset

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

Audio

Memory Socket: 260-pin So-DIMM socket
Codec: HD audio codec, Realtek ALC662

Expansion Capability	PCIe 3.0 x 4 slot	1
	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
Internal I/O	eDP Connector	1
	Front audio Header (Mic / HP)	1
	DMIC Header	1
	Internal Speaker (support 2W)	1
	USB 2.0 ports	6
	Serial port header (one configurable for RS232/422/485)	4
	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)	3
	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® I210 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 monitoring through the Nuvoton6104D legacy I/O controller, including:	
Hardware Monitor Subsystem	Remote thermal sensor	
	Speed control for 4-pin system fan header and 4-pin CPU fan header	
Power Requirement	DC-in 12V (DIN 4Pin power cable) / ATX 4pin	
Environment	Operating Temperature: 0 °C to +60 °C	
	Storage Temperature: -20°C to +80°C	
OS Support	Windows 10 64bit, Linux (support by request)	
Safety	CE	
	FCC	