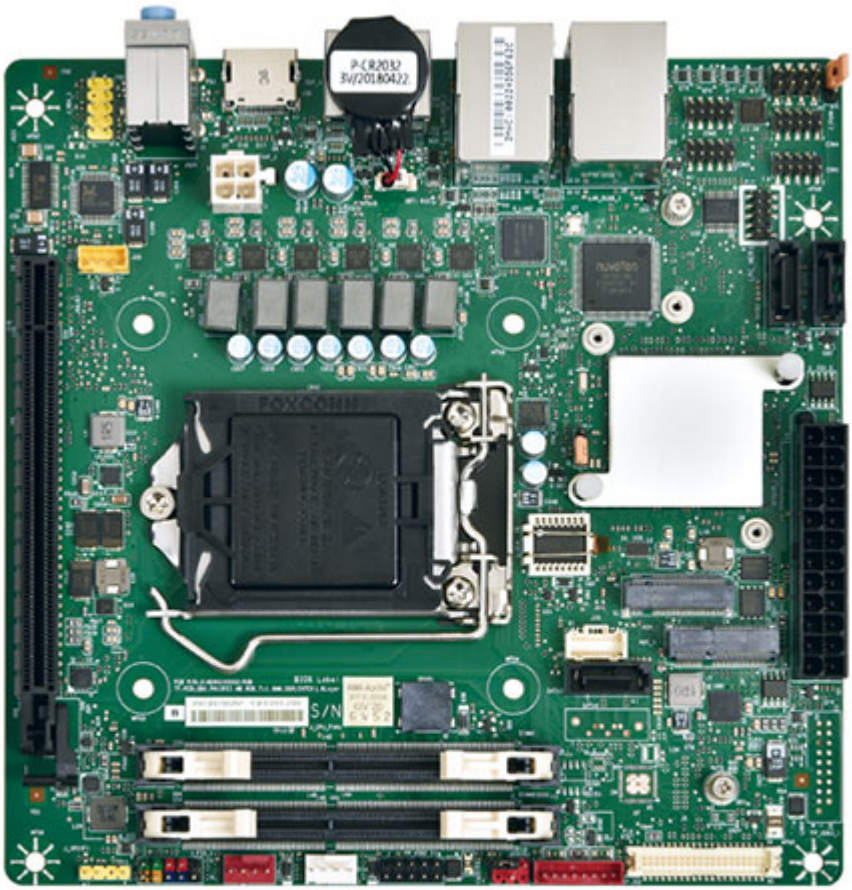
209.95 EUR
incl. 19% VAT, plus shipping



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	Memory Type : DDR4 @ 1.2V, 2666 MHz (Unbuffered Non-ECC)		
	Memory Channel: Dual Channel		
	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		
Expansion Capability	PCIe 3.0 x 16 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
External I/O	HDMI out		1
	DP out		4
	USB 3.1 gen 2 (10 Gb/s)		4
	RJ-45		2
	Line-Out		1
	Mic-In		1
	Line-In		1
Internal I/O	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	
	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