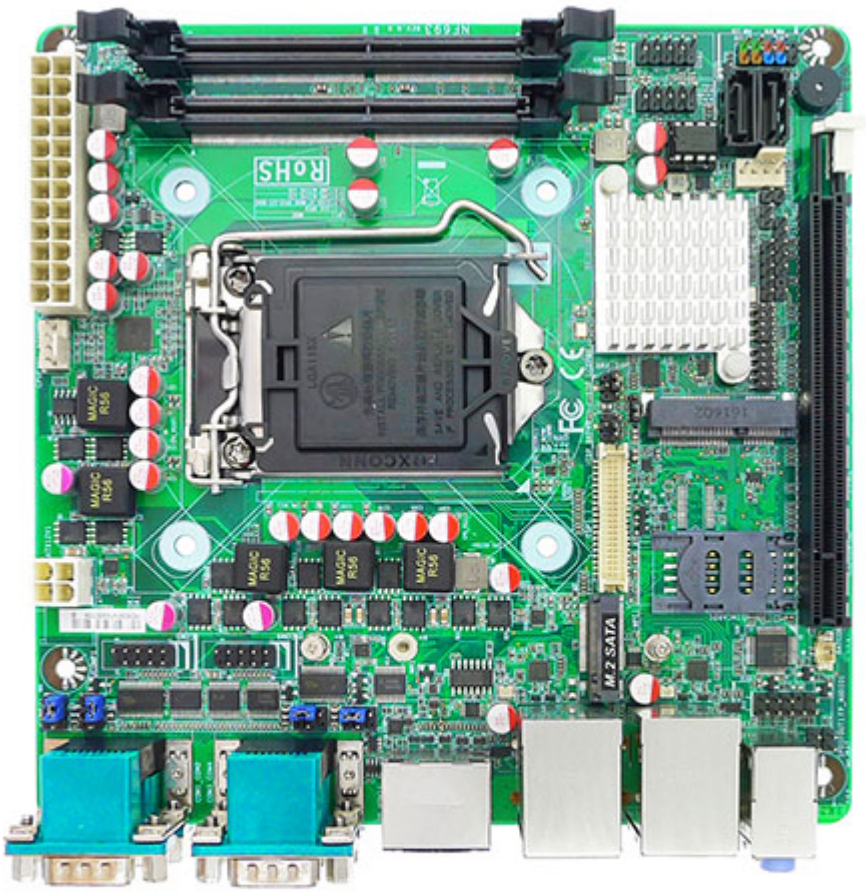

229.00 EUR
incl. 19% VAT, plus shipping

- Intel® LGA1151 Socket Core i3, i5, i7 & Pentium Processors (max. 65W)
- Intel® H110 Express Chipset
- Support Dual Channel DDR4 2133MHz, 2 * SO-DIMM slot, up to 32GB memory
- Realtek ALC662 6-Channel HD Audio
- 2 * Realtek Giga LAN
- Support 2 * SATA 3.0 (6Gb/s), 1 * mPCIe/mSATA and 1 * M.2 M key-2242, 2260
- Support HDMI/DP/eDP, dual displays
- 4 * External RS232 and 2 * internal COM (COM1 supports RS232/422/485)
- 4 * External USB3.0 & 4 * Internal USB1.1/2.0
- 1 * PCIe x16 slot
- 1 * SIM Card Holder

Form Factor	
Dimensions	- Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	
CPU	- Intel LGA 1151 Socket Core i7 / i5 / i3 & Pentium Processors
Core Number	- (By CPU)
Max Speed	- (By CPU)
L2 Cache	- (By CPU)

Chipset	- Intel H110 Chipset
BIOS	- AMI 64Mb Flash ROM
Expansion Slot	
Mini-PCIe	- 1 (full size, co-lay with mSATA)
mSATA	- 1 (full size, co-lay with mini-PCIe)
M.2	- 1 (M key-2242, 2260)
PCIe	- 1 * PCIe x16
SIM card holder	- 1
Memory	
Technology	- Dual Channel DDR4 2133MHz
Max.	- 32GB
Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® Gen9 Graphics supports DX 11/12, OGL4.3 / 4.4
VRAM	- Shared Memory
VGA	- 0
DVI-D	- 0
HDMI	- 1 (Max. Resolution : 3840*2160@24Hz)
DP	- 1 (Max. Resolution : 4096*2304@60Hz)
eDP	- 1 (Max. Resolution : 4096*2304@60Hz)
MultiDisplay	- Dual Display
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- PCIe GbE LAN : Realtek RTL8111G
Connector	- 2 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662
Channel	- 6 Channel
SATA	
Max Data Transfer Rate	- 2 * SATAIII (6.0Gb/s), 1 * mini-SATA III and 1 * M.2
RAID	- No
Rear I/O	
VGA	- 0
DP	- 1
HDMI	- 1
Ethernet	- 2
USB	- 4 * USB 3.0
Audio	- 3 (Line-In, Line-Out, MIC)
Serial	- 4 (COM1 support RS232/422/485)
LED	- 0
DC-input	- 0
Internal Connector	
HDMI	- 0
USB	- 4 * USB 2.0
eDP	- 1

Serial	- 2 (COM5 is optional to support RS232/422/485)
SATA	- 2
mPCIe	- 1 (full size, co-lay with mSATA)
mSATA	- 1 (full size, co-lay with mPCIe)
M.2	- 1 (M key-2242, 2260)
SIM card holder	- 1
Chassis intrusion	- 1
PS/2	- 1
GPIO	- 1 (8 bit programmable inputs/outputs)
SMBUS/ I2C	- 1
Audio Header	- 1
TPM	- 1 (onboard option)
AT mode	- 1
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	- 24 pin/4 pin ATX PWR Connector
Power On	AT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	- Operating: 0°C – 60°C
	- Storage: -20°C – 85°C