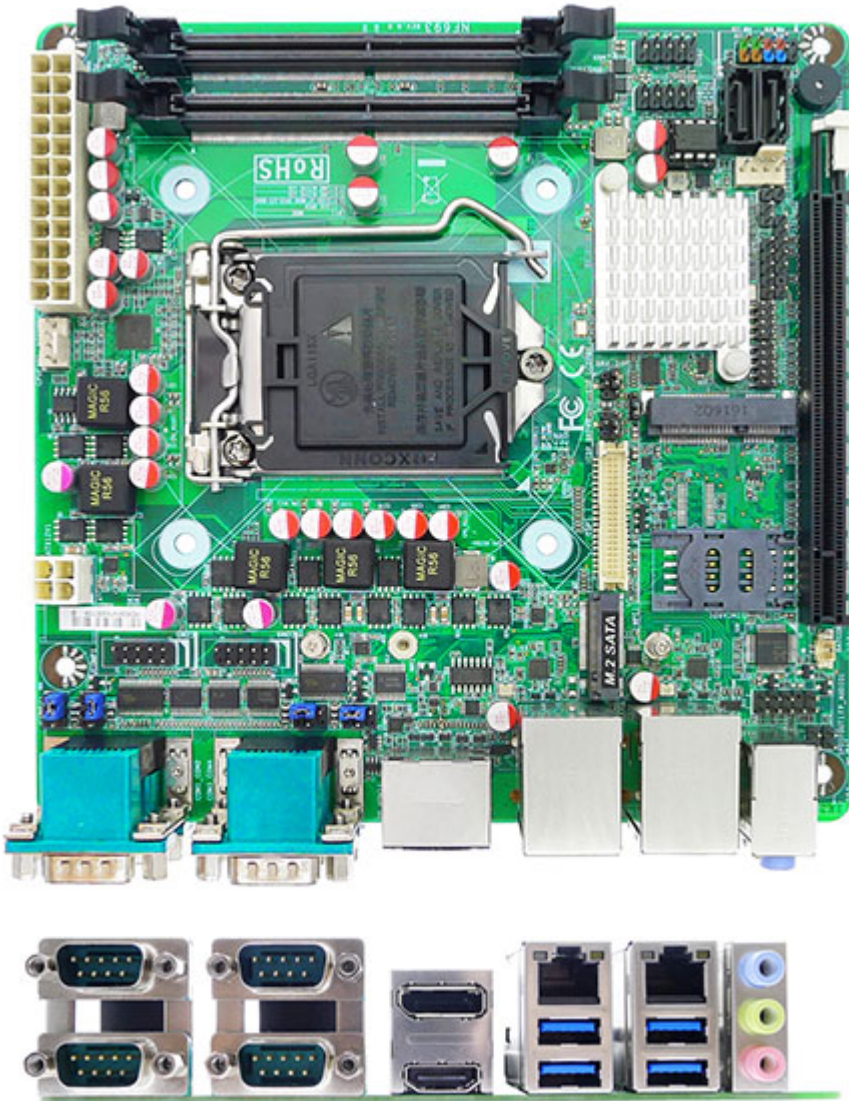


229.00 EUR  
incl. 19% VAT, plus [shipping](#)



- 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

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

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

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