



289.00 EUR

incl. 19% VAT, plus shipping

- 1*Intel®I219LM Giga LAN +1* Intel® i211AT Giga LAN
- Support 3 * SATA III (6Gb/s) & M.2 (M key 2242/2280)
- Support HDMI/VGA Output
- 2 * External COM and 8 * internal COM (COM1/2 Support RS232/422/485, COM1/2/3/4 Support 5V/12V TTL)
- 5 * PCI, 1 * PCIeX16, 1 * PCIeX4
- Support Intel® vPro technology (By CPU)

Form Factor

Dimensions	– ATX (305 * 244mm)
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Processor System

CPU	– Intel® LGA1151 Series Processor
Core Number	– (by CPU)
Max Speed	– (by CPU)

L2 Cache	– (by CPU)
Chipset	– H110
BIOS	– AMI 128M Flash ROM
Expansion Slot	
PCI	– 5
Mini-PCIe	– 1 (full size)
mSATA	– 0
PCIe	– 1 * PCI-E x16 + 1 *PCI-E x4 slot
M.2	– 1 (M Key 2242/2280)
SIM Card Holder	– 1
Memory	
Technology	– Dual CH DDR4 2133MHz DRAM
Max.	– 32GB
Socket	– 1 * SO-DIMM
Graphics	
Controller	– Intel® HD Graphics
VRAM	– Shared Memory
VGA	– 1

LVDS	- 0
eDP 1.3	- 0
HDMI 1.4	- 1 (Max Resolution : 3840×2160@60Hz)
MultiDisplay	- Dual Displays

Ethernet

Ethernet	- 10/100/1000 Mbps
Controller	- Intel®I219LM +i211AT Gigabit LAN
Connector	- 2 * RJ 45

Audio

CODEC	- HD Audio : Realtek ALC662VD
Channel	- Line-In, Line-Out, MIC

SATA

Max Data Transfer Rate	- 3 * SATAIII (6.0Gb/s)
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Rear I/O

VGA	- 1
HDMI	- 1
Ethernet	- 2
USB	- 6 * USB 3.0

Audio	- 1 (Line-in, Line-out, MIC)
Serial / Parallel	- 2 / 0 (COM1/2 Support RS232/422/485)
PS2	- 1
DC-input	- 0
Internal Connector	
USB	- 2 *USB3.0 + 5 * USB 2.0
PS/2	- 0
LVDS / inverter	- 0
eDP	- 0
Serial	- 8 (COM3/4 Support 5V/12V TTL)
SATA	- 3 * SATAIII (6.0Gb/s)
mPCIe	- 1 (full size)
Parallel	- 1
M.2	- 1 (M key 2242/2280)
GPIO	- 1 (8 bit)
Chassis intrusion	- 1
Audio Header	- 1
SMBUS/ I2C	- 1

AT mode	- 1
TPM Header	- 1
Others	- 0
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	- ATX power
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
Warranty	
Warranty	- 2 Years Limited Warranty