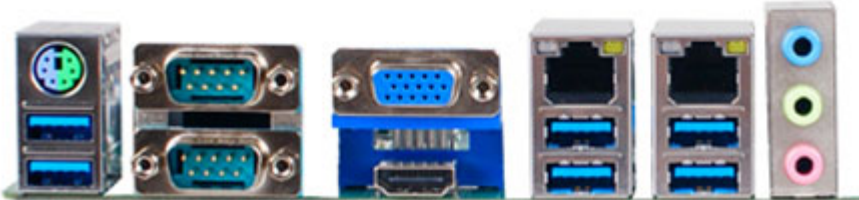
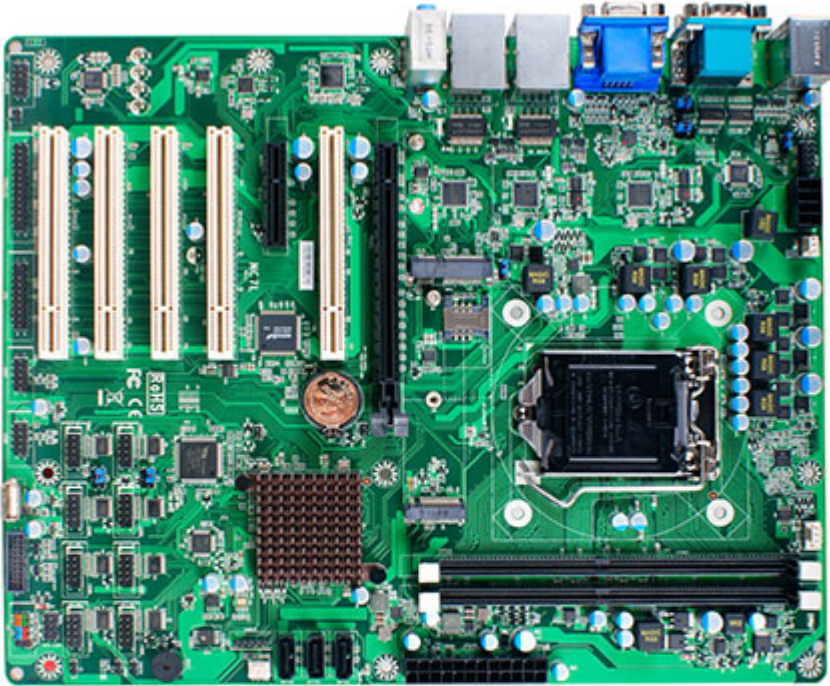


289.00 EUR  
incl. 19% VAT, plus [shipping](#)



- 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 4 \* internal COM (COM1/2 Support RS232/422/485, COM1/2/3/4 Support 5V/12V TTL)
- 1 \*PCI-E x16 Slot ■1\*PCI-E x4 Slot and 5\*PCI Slots
- Support Intel® vPro technology (By CPU)

<b>Form Factor</b>	
Dimensions	– ATX ( 305 * 244mm)
<b>Processor System</b>	
CPU	– Intel® LGA1151 Series Processor
Core Number	– (by CPU)
Max Speed	– (by CPU)
L2 Cache	– (by CPU)
Chipset	– H110
BIOS	– AMI 128M Flash ROM
<b>Expansion Slot</b>	
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

<b>Memory</b>	
Technology	– Dual CH DDR4 2133MHz DRAM
Max.	– 32GB
Socket	– 2 * Long-DIMM
<b>Graphics</b>	
Controller	– Intel® HD Graphics
VRAM	– Shared Memory
VGA	– 1
LVDS	– 0
eDP 1.3	– 0
HDMI 1.4	– 1 (Max Resolution : 3840x2160@60Hz)
MultiDisplay	– Dual Displays
<b>Ethernet</b>	
Ethernet	– 10/100/1000 Mbps
Controller	– Intel®I219LM +i211AT Gigabit LAN
Connector	– 2 * RJ 45
<b>Audio</b>	
CODEC	– HD Audio : Realtek ALC662VD
Channel	– Line-In, Line-Out, MIC
<b>SATA</b>	
Max Data Transfer Rate	– 3 * SATAIII (6.0Gb/s)
<b>Rear I/O</b>	
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
<b>Internal Connector</b>	
USB	– 2 *USB3.0 + 5 * USB 2.0
PS/2	– 0
LVDS / inverter	– 0
eDP	– 0
Serial	– 4 (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
<b>Watchdog Timer</b>	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
<b>Power Requirements</b>	
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
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: 0°C – 60°C
	- Storage: -20°C – 85°C
<b>Warranty</b>	
Warranty	- 2 Years Limited Warranty