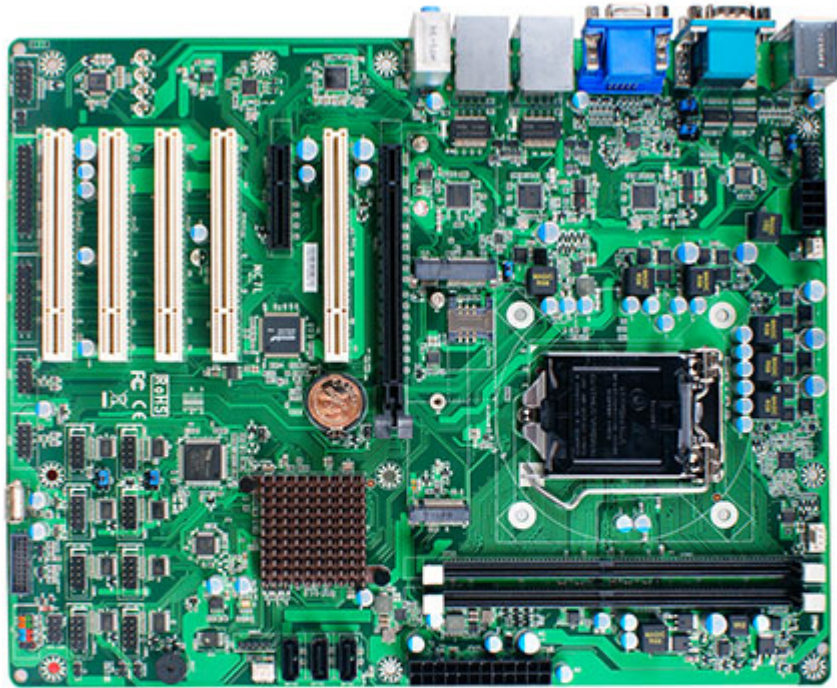
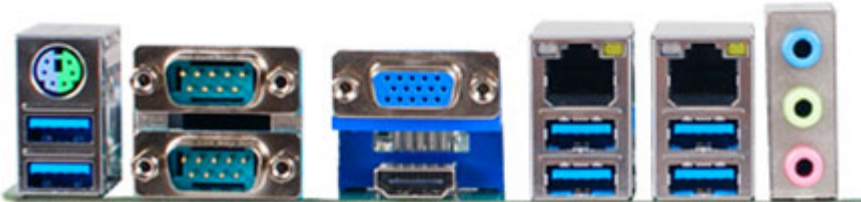




289.00 EUR  
incl. 19% VAT, plus [shipping](#)



- 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)               |
| 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)                |
| 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                                                                                                                      |
| <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<br>– AT : Directly PWR on as Power input ready<br>– 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                                                                                               |