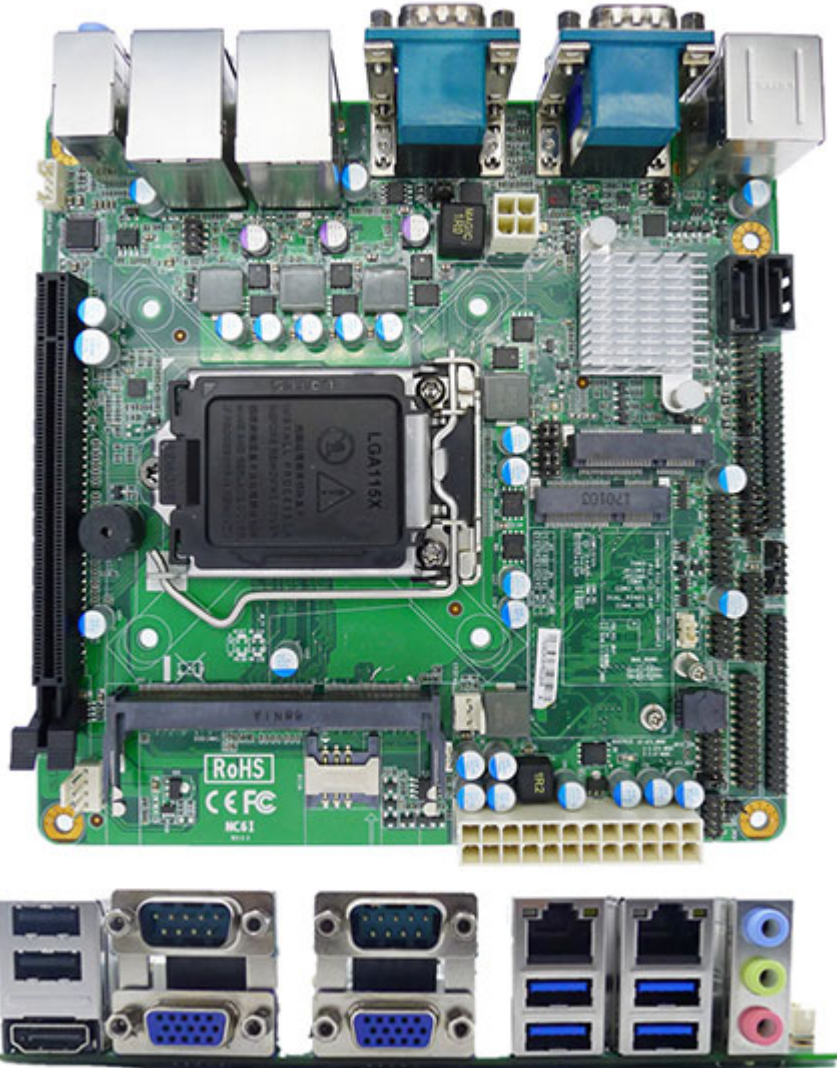


269.00 EUR
incl. 19% VAT, plus [shipping](#)



- Support DDR3 /DDR3L 1600/1333 up to 16GB
- 4 * USB3.0 (PCI-E to USB3.0), 8 * USB2.0, 2 * GbE
- 12 * RS232(COM1/COM2 support RS232/422/485, COM3/COM4 support RS232/485)
- 2 * CRT Ports (CRT2 support Dummy load function)
- SIM Card Socket, TPM Header
- 4 Phase CPU Power Support 84W CPU

| Form Factor | |
|-------------------------|---------------------------------------------------------|
| Dimensions | – Mini-ITX (170 * 170mm) |
| Processor System | |
| CPU | – Intel LGA 1150 Socket Core i7/i5/i3/Pentium Processor |
| Core Number | – (by CPU) |
| Max Speed | – – (by CPU) |
| L2 Cache | – (by CPU) |
| Chipset | – Intel H81 Express chipset |
| BIOS | – AMI 32Mb Flash ROM |
| Expansion Slot | |
| PCI | – 0 |
| mSATA | – 1 (full size ,Co-lay Mini PCI-e) |
| PCIe | – 1 (by 16) |

| | |
|---------------------------|--------------------------------------------|
| Mini-Pcle | - 2 (full size) |
| TPM Header | - 1 |
| SIM Card Socket | - 1 |
| Memory | |
| Technology | - DDR3L 1600/1333MHz |
| Max. | - 16GB |
| Socket | - 2* SO-DIMM |
| Graphics | |
| Controller | - Intel ® HD Graphics |
| VRAM | - Shared system memory |
| VGA | - 2 |
| DVI-D | - 0 |
| HDMI | - 1 (1.4b) |
| Display Port | - 0 |
| Ethernet | |
| Ethernet | - 10/100/1000 Mbps |
| Controller | - GbE LAN:2* Intel i211AT |
| Connector | - 2 * RJ 45 |
| SATA | |
| Max Data Transfer Rate | - 2 * SAT3.0 (6.0Gb/s) |
| Rear I/O | |
| DVI-D | - 0 |
| HDMI | - 1 |
| DisplayPort | - 0 |
| Ethernet | - 2 |
| Audio | - 1 (3JACK) |
| USB | - 4 * USB 3.0 + 2* USB2.0 |
| PS2 | - 0 |
| Internal Connector | |
| DisplayPort | - 1 |
| USB | - 6 *USB2.0 |
| PS2 | - 1 |
| HDMI | - 0 |
| Display Port | - 0 |
| Serial | - 10 (COM3/COM4 Support RS232/485) |
| SATA | - 2 * SATA3.0 |
| MiniPCI-e | - 2 (full size) |
| Parallel | - 1 |
| M-SATA | - 1 (full size, Co-lay Mini PCI-e) |
| GPIO8-bit | - 1 (4 * IN +4 * OUT) |
| TPMheader | - 1 |
| Chassisintrusion | - 1 |
| SpeakerHeader | - 1 |
| LANLED Header | - 1 |
| AT Mode | - 1 |

| Watchdog Timer | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Output | - From Super I/O to drag RESETCON# |
| Power Requirements | |
| InputPWR | - 4 Pin / 24 Pin ATX PWR Connector |
| PowerOn | AAT/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: -10°C – 60°C |
| | - Storage: -20°C – 85°C |