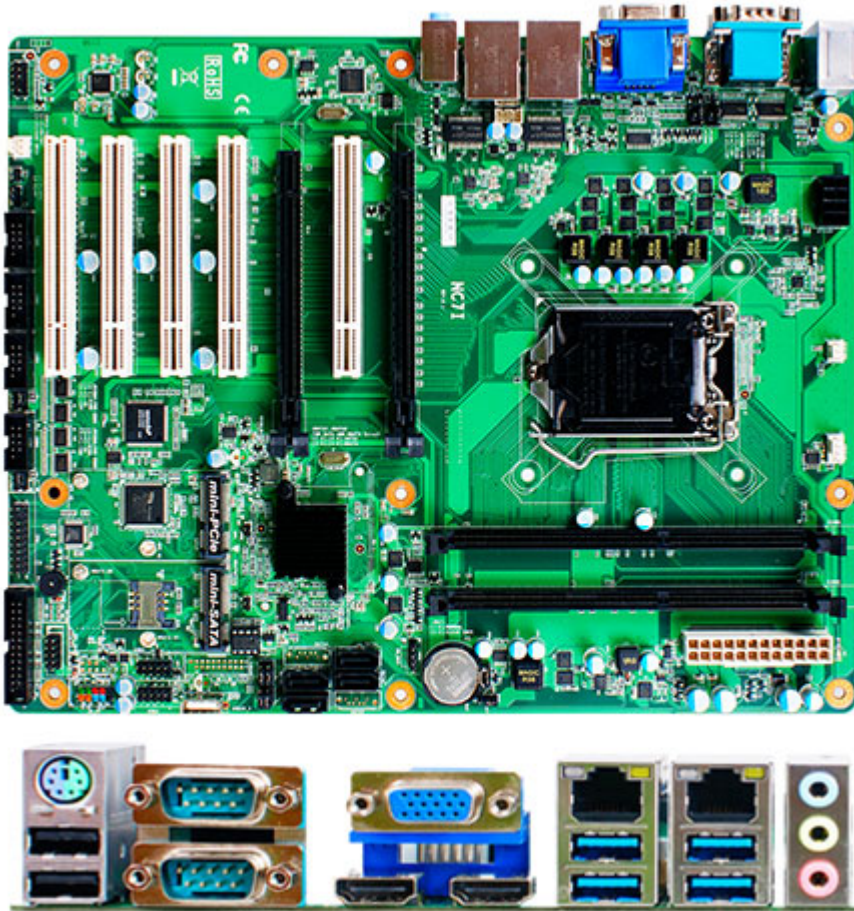




259.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Intel® H81 Express Chipset
- Support INTEL® 4th Gen core processors family
- Support DDR3 /DDR3L 1600/1333 Max 16GB
- 2\* GbE, 4\* USB3.0, 7\* USB2.0, 6\* COM (COM 1/2 support RS232/422/485, COM 1/2/3/4 support 5V/12V)
- Support SIM Card Socket
- Support 1\* CRT Port, 2\* HDMI
- ATX Form Factor (305\* 240mm)

| Form Factor      |                                                          |
|------------------|----------------------------------------------------------|
| Dimensions       | – ATX (305 * 240mm)                                      |
| 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              | – 5                                                      |
| Mini-PCIe        | – 1 (Full size)                                          |
| mSATA            | – 1 (full size ,Co-lay SATA4)                            |
| PCIe             | – 2 (x16 + x1)                                           |
| TPM Header       | – 1                                                      |
| SIM Card Holder  | – 1                                                      |

| Memory                 |                                               |
|------------------------|-----------------------------------------------|
| Technology             | – DDR3L 1600/1333MHz                          |
| Max.                   | – 16GB                                        |
| Socket                 | – 2* DIMM Socket                              |
| Graphics               |                                               |
| Controller             | – Intel® HD Graphics                          |
| VRAM                   | – Shared Memory                               |
| VGA                    | – 1                                           |
| LVDS                   | – 0                                           |
| eDP                    | – 0                                           |
| HDMI 1.4               | – 2                                           |
| Display Port           | – 0                                           |
| Ethernet               |                                               |
| Ethernet               | – 10/100/1000 Mbps                            |
| Controller             | – 2 * Realtek RTL8111G Gigabit LAN            |
| Connector              | – 2 * RJ 45                                   |
| Audio                  |                                               |
| CODEC                  | – HD Audio : Realtek ALC662                   |
| Channel                | – FP_AUDIO, 3W Amplifier Speaker out          |
| SATA                   |                                               |
| Max Data Transfer Rate | – 2 * SATA2.0 (3.0Gb/s) + 2* SATA3.0(6.0Gb/s) |
| Rear I/O               |                                               |
| VGA                    | – 1                                           |
| DVI-D                  | – 0                                           |
| HDMI                   | – 2                                           |
| Display Port           | – 0                                           |
| Ethernet               | – 2                                           |
| USB                    | – 4* USB 3.0 + 2* USB2.0                      |
| Audio                  | – 1 (3JACK)                                   |
| Serial / Parallel      | – 2 (RS232/422/485)                           |
| PS2                    | – 1                                           |
| Internal Connector     |                                               |
| USB                    | – 5 * USB 2.0                                 |
| PS/2                   | – 0                                           |
| LVDS / inverter        | – 0                                           |
| eDP                    | – 0                                           |
| VGA                    | – 0                                           |
| Serial                 | – 4 ( COM 3/4 Support 5V/12V)                 |
| SATA                   | – 2* SATA2.0 + 2* SATA3.0                     |
| mPCIe                  | – 1 (Full size)                               |
| Parallel               | – 1                                           |
| m-SATA                 | – 1 (full size, Co-lay SATA6)                 |
| GPIO 8-bit             | – 1 (4 * IN +4 * OUT)                         |
| Chassis intrusion      | – 1                                           |
| Audio Header           | – 0                                           |

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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, 0,1,2...255sec/min                                                                                       |
| <b>Power Requirements</b> |                                                                                                                          |
| Input PWR                 | – 4 Pin / 24 Pin ATX PWR Connector                                                                                       |
| 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: -10°C – 60°C                                                                                                |
|                           | – Storage: -20°C – 85°C                                                                                                  |
| <b>Warranty</b>           |                                                                                                                          |
| Warranty                  | – 2 Years Limited Warranty                                                                                               |