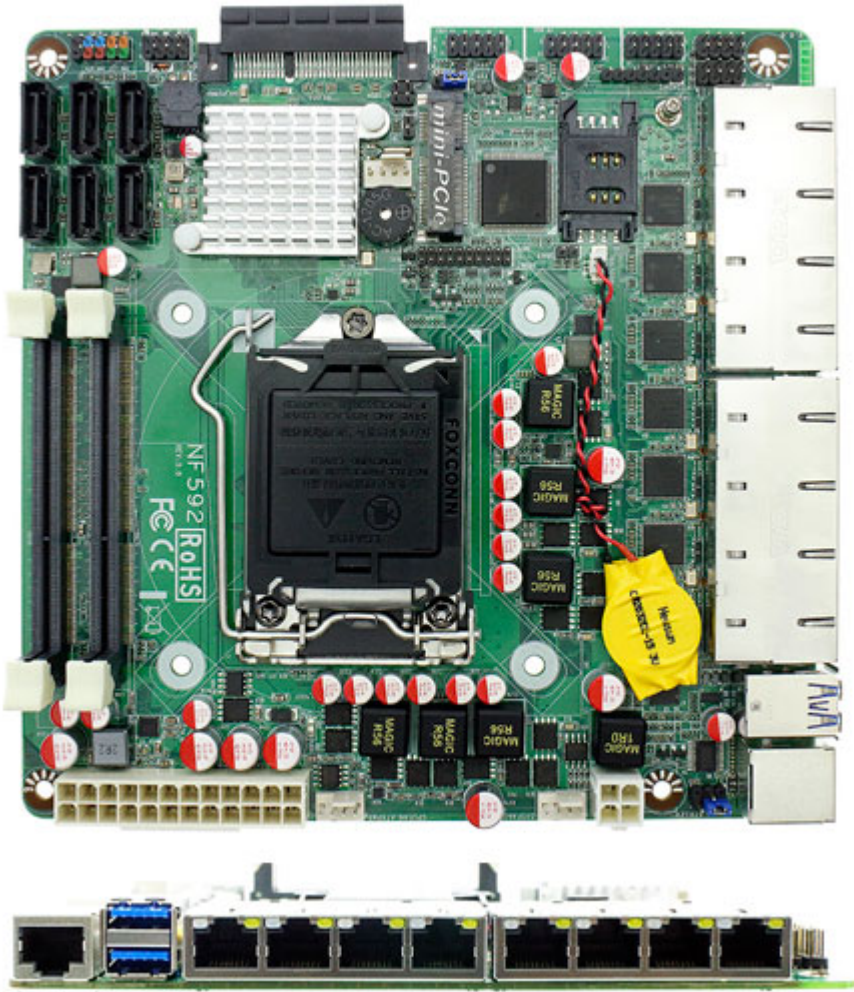


398.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Q170 Express Chipset
- Supports Intel LGA 1151 Socket Core™ i3, i5, i7 & Pentium Processors
- Supports Dual Channel DDR3L 1600 MHz, 2 x SO-DIMM, up to 16GB system memory
- 7 \* Intel i211AT & 1 \* i219LM Gigabit LAN
- Support Intel vPro, Active Management Technology ( iAMT 11.0)
- Side PCI Express x4 Slot
- 6-ports SATA III 6Gb/s support RAID 0, 1, 5, 10
- 3G module with SIM card slot
- 1 \* internal HDMI port
- 2 \* USB 3.0, 4 x USB 2.0
- 1 \* mini-PCIe, 1 x PCIe x4
- 1 \* Onboard TPM (option)

| Form Factor      |   |
|------------------|---|
| Dimensions       | - Thin Mini-ITX (6.7-in x 6.7-in, 170 x 170mm)  |
| Processor System |   |
| CPU              | - Intel® LGA 1151 Socket Core i7/i5/i3/Pentium Processor<br>- Supports Hyper-Threading Technology |
| Core Number      | - (By CPU)  |
| Max Speed        | - (By CPU)  |
| L2 Cache         | - (By CPU)  |
| Chipset          | - Intel Q170 Express chipset  |

|                           |  |
|---------------------------|--|
| BIOS                      | - AMI 128Mb SMT Flash ROM                |
| <b>Expansion Slot</b>     |  |
| Mini-PCIe                 | - 1 (full size)                          |
| mSATA                     | - 0                                      |
| PCIe                      | - 1 (x4)                                 |
| SIM                       | - 1                                      |
| <b>Memory</b>             |  |
| Technology                | - Dual Channel DDR3L 1600 MHz SDRAM      |
| Max.                      | - 16GB                                   |
| Socket                    | - 2 x SO-DIMM                            |
| <b>Graphics</b>           |  |
| Controller                | - (by CPU)                               |
| VRAM                      | - Shared Memory                          |
| VGA                       | - 0                                      |
| LVDS                      | - 0                                      |
| HDMI                      | - 1 (Internal)                           |
| MultiDisplay              | - No                                     |
| <b>Ethernet</b>           |  |
| Ethernet                  | - 10/100/1000 Mbps                       |
| Controller                | - GbE LAN: Intel i211AT * 7 & i219LM * 1 |
| Connector                 | - 8 x RJ 45                              |
| <b>SATA</b>               |  |
| Max Data Transfer Rate    | - 6 x SATAIII (6.0Gb/s)                  |
| <b>Rear I/O</b>           |  |
| VGA                       | - 0                                      |
| HDMI                      | - 0                                      |
| Ethernet                  | - 8                                      |
| USB                       | - 2 x USB 3.0                            |
| Audio                     | - 0                                      |
| Serial                    | - 1 x RS-232                             |
| PS2                       | - 0                                      |
| DC-input                  | - 0                                      |
| <b>Internal Connector</b> |  |
| USB                       | - 4 x USB 2.0                            |
| LVDS / inverter           | - 0                                      |
| Serial                    | - 0                                      |
| SATA                      | - 6                                      |
| mPCIe                     | - 1                                      |
| mSATA                     | - 0                                      |
| Chassis intrusion         | - 1 (via 12pin header)                   |
| PS/2                      | - 1                                      |
| Audio Header              | - 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                 | - ATX PWR (4+24 pin)   |
| 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  |