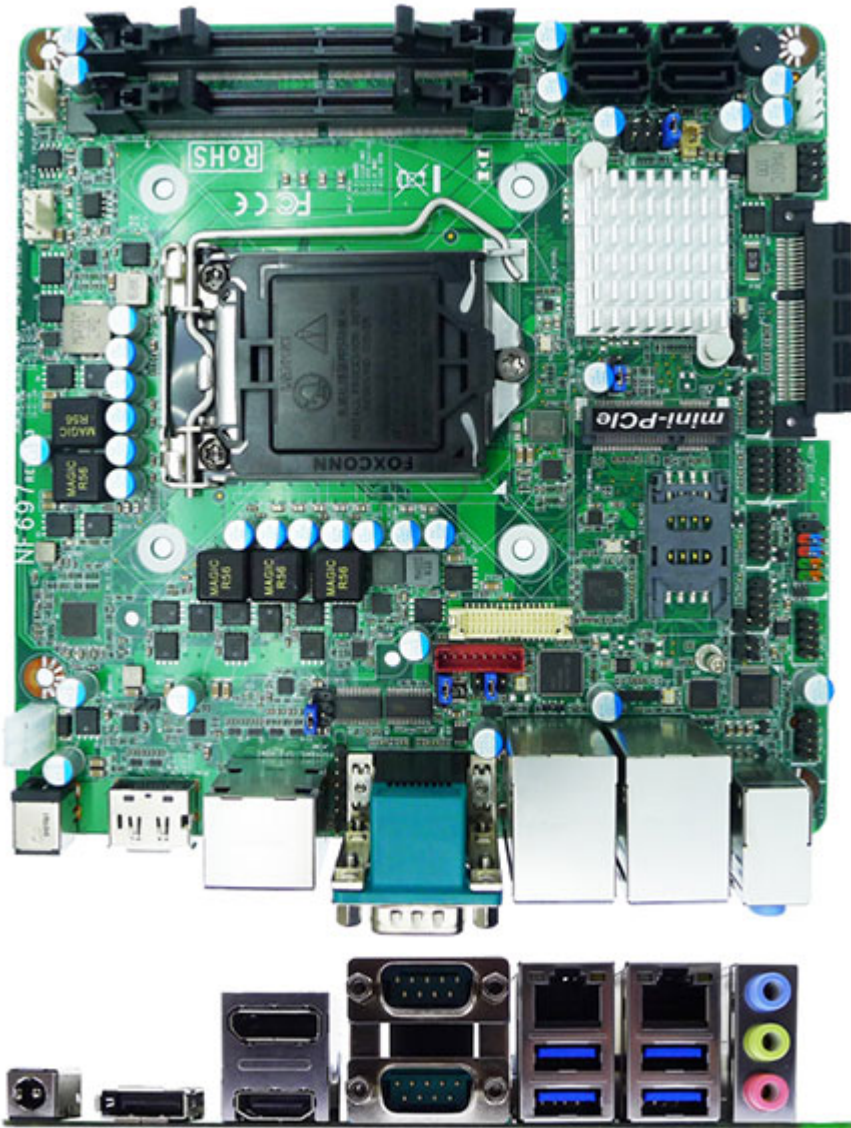


339.00 EUR
incl. 19% VAT, plus [shipping](#)



- Intel® LGA1151 Skylake/Kabylake Processor (TDP 65W)
- Intel® Q170 Express Chipset
- Support DDR4-2133, 2 * SO-DIMM slot, up to 32GB memory
- Realtek ALC662VD Audio
- 2 * Intel Giga LAN
- Support 4 * SATA III (6Gb/s), support RAID 0, 1, 5, 10
- Support 2 * DP/HDMI/LVDS, triple displays
- 2 * External COM and 4 * internal COM
- 4 * External USB3.0 & 2 * Internal USB1.1/2.0
- 1 * mini-PCle slot & 1 * PCIe x4 side slot
- 1 * SIM Card Holder
- 9 ~ 24V DC IN power

Form Factor

Dimensions - Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)

Processor System

CPU - Intel® LGA1151 Skylake/Kabylake Processor (TDP 65W)

Core Number - (by CPU)

Max Speed - (by CPU)

| | |
|------------------------|---|
| L2 Cache | - (by CPU) |
| Chipset | - Q170 |
| BIOS | - AMI Flash ROM |
| Expansion Slot | |
| PCI | - 0 |
| Mini-PCIe | - 1 (full size) |
| mSATA | - 0 |
| PCIe | - 1 * PCIe x4 side-slot (4 * PCIe x1 combo signals) |
| M.2 | - 0 |
| CFast Card Socket | - 0 |
| CF Card Socket | - 0 |
| SIM Card Holder | - 1 |
| Memory | |
| Technology | - Dual CH DDR4 2133MHz SDRAM |
| Max. | - 32GB |
| Socket | - 2 * SO-DIMM |
| Graphics | |
| Controller | - Intel® HD Graphics |
| VRAM | - Shared Memory |
| VGA | - 0 |
| LVDS | - 1 (Max Resolution : 1920x1080@60Hz) |
| eDP 1.3 | - 0 |
| HDMI 1.4 | - 1 (Max Resolution : 3840x2160@30Hz) |
| DVI-D | - 0 |
| DisplayPort 1.2 | - 2 (Max Resolution : 4096 x 2304@60Hz) |
| MultiDisplay | - Triple Displays |
| Ethernet | |
| Ethernet | - 10/100/1000 Mbps |
| Controller | - 2 * Intel® Gigabit LAN (i211AT * 1 & i219LM * 1) |
| Connector | - 2 * RJ 45 |
| Audio | |
| CODEC | - HD Audio : Realtek ALC662VD |
| Channel | - Line-In, Line-Out, MIC |
| SATA | |
| Max Data Transfer Rate | - 4 * SATAIII (6.0Gb/s) |
| Rear I/O | |
| VGA | - 0 |
| DVI-D | - 0 |
| HDMI | - 1 |
| DisplayPort | - 2 |
| Ethernet | - 2 |
| USB | - 4 * USB 3.0 |
| Audio | - 1 (Line-in, Line-out, MIC) |
| Serial | - 2 (COM2: RS232/422/485) |
| eSATA | - 0 |

| | |
|---------------------------|--|
| PS/2 | - 0 |
| DC-input | - 1 |
| Internal Connector | |
| USB | - 2 * USB 2.0 |
| PS/2 | - 1 |
| LVDS / inverter | - 1 |
| eDP | - 0 |
| VGA | - 0 |
| Serial | - 4 |
| SATA | - 4 * SATAIII (6.0Gb/s) |
| mPCIe | - 1 (full size) |
| Parallel | - 0 |
| mSATA | - 0 |
| M.2 | - 0 |
| GPIO | - 1 (8 bit) |
| Chassis intrusion | - 1 |
| Audio Header | - 1 |
| SMBUS/ I2C | - 1 |
| AT mode | - 1 |
| TPM Header | - 1 (on board option) |
| Others | - Support RAID 0, 1, 5, 10 |
| Watchdog Timer | |
| Output | - From Super I/O to drag RESETCON# |
| Interval | - 256 segments (10sec ~ 255min) |
| Power Requirements | |
| Input PWR | - +9~24V DC-in |
| Power On | AT/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: 0°C ~ 60°C - Storage: -20°C ~ 85°C |
| Packing | |
| Packing | - Net Weight: - Gross Weight: - Color Box dimension: |