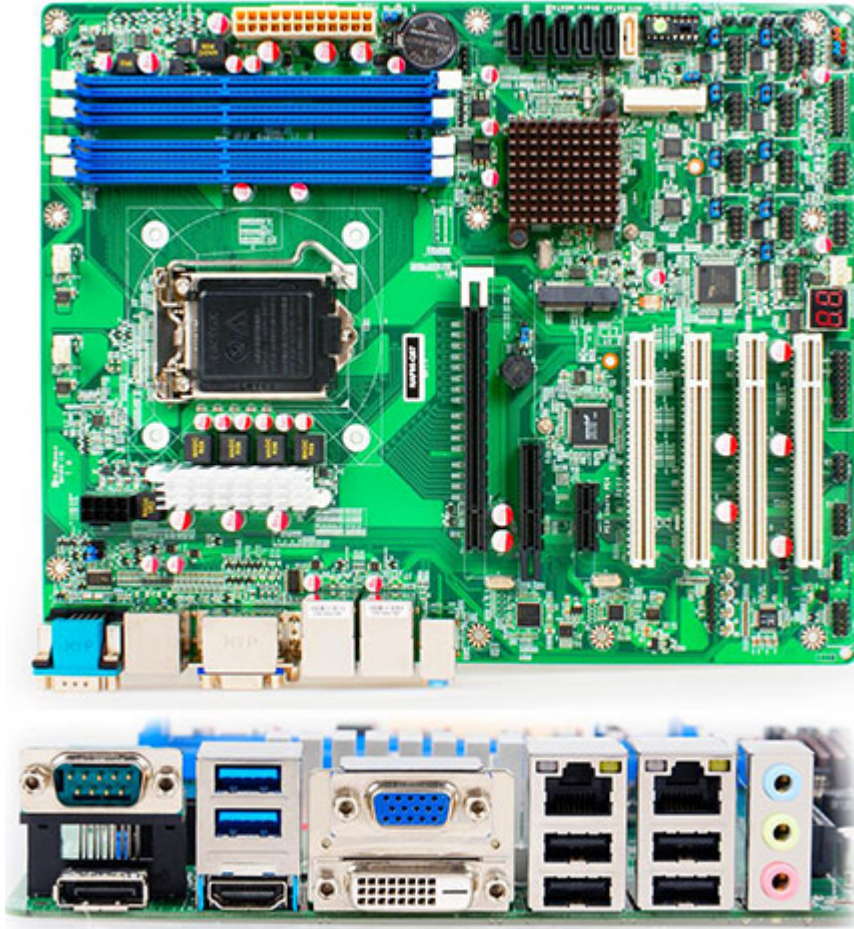


999.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Q87 Express Chipset
- Supports Intel LGA 1150 Socket Core™ i3, i5, i7 & Pentium Processors
- Support 4 \* 240 pin 1600/1333MHz Dual CH DDRIII SDRAM U-DIMM Max. to 32GB
- Intel 82574L & i217LM Gigabit LAN
- Support Intel Active Management Technology ( iAMT 9.0)
- Support TPM 1.2 function
- Support CPU Smart FAN
- Supports ACPI S3 Function
- Support Watch dog Technology
- ATX form factor ■ 305mm \* 244mm ■

| Form Factor      |                                                               |
|------------------|---------------------------------------------------------------|
| Dimensions       | - ATX form factor ■ 305mm * 244mm ■                           |
| Processor System |                                                               |
| CPU              | - Intel LGA 1150 Socket Core™ i3, i5, i7 & Pentium Processors |
| Core Number      | - (by CPU)                                                    |
| Max Speed        | - (by CPU)                                                    |
| L2 Cache         | - (by CPU)                                                    |
| Chipset          | - INTEL®Q87 Express chipset                                   |
| BIOS             | - AMI 64Mb Flash ROM                                          |
| Expansion Slot   |                                                               |
| PCI              | - 4                                                           |
| Mini-PCle        | - 1 (full size, share with PE3)                               |

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| mSATA                     | - 1 (share with SATA6)                          |
| PCIe                      | - 3 (1 x16, 1 x4, 1 x1)                         |
| CFast Card Socket         | - 0                                             |
| CF Card Socket            | - 0                                             |
| <b>Memory</b>             |                                                 |
| Technology                | - 4 * DDRIII 1066/1333/1600MHz Dual CH          |
| Max.                      | - 32GB                                          |
| Socket                    | - 4 * U-DIMM                                    |
| <b>Graphics</b>           |                                                 |
| Controller                | - (by CPU)                                      |
| VRAM                      | - Shared Memory                                 |
| VGA                       | - 1                                             |
| LVDS                      | - 0                                             |
| HDMI                      | - 1                                             |
| DVI-D                     | - 1                                             |
| DisplayPort               | - 1                                             |
| MultiDisplay              | - Yes (Dual Display)                            |
| <b>Ethernet</b>           |                                                 |
| Ethernet                  | - 10/100/1000 Mbps                              |
| Controller                | - GbE LAN: Intel 82574L & i217LM                |
| Connector                 | - 2 * RJ 45                                     |
| <b>SATA</b>               |                                                 |
| Max Data Transfer Rate    | - 6 * SATAIII (6.0Gb/s), Supports RAID 0/1/5/10 |
| <b>Rear I/O</b>           |                                                 |
| VGA                       | - 1                                             |
| DVI-D                     | - 1                                             |
| HDMI                      | - 1                                             |
| DisplayPort               | - 1                                             |
| Ethernet                  | - 2                                             |
| USB                       | - 6 (4 * USB 2.0 + 2 * USB 3.0)                 |
| Audio                     | - 1 (Line-in / MIC / Line-out)                  |
| Serial                    | - 1 (RS232/422/485)                             |
| eSATA                     | - 0                                             |
| PS2                       | - 0                                             |
| DC-input                  | - 0                                             |
| <b>Internal Connector</b> |                                                 |
| USB                       | - 6 ( 4 * USB 2.0 + 2 * USB 3.0)                |
| PS2                       | - 1                                             |
| LVDS / inverter           | - 0                                             |
| VGA                       | - 0                                             |
| Serial                    | - 9                                             |
| SATA                      | - 6 * SATAIII (6.0Gb/s)                         |
| mPCIe                     | - 1 (shared with PE3)                           |
| Parallel                  | - 0                                             |
| mSATA                     | - 1 (share with SATA6)                          |

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| CIR                       | - 1                                                                       |
| GPIO 8-bit                | - 4in / 4 out                                                             |
| Chassis intrusion         | - 0                                                                       |
| Audio Header              | - 1                                                                       |
| <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                 | - 24-pin/8-pin ATX PWR Con                                                |
| Power On                  | AT/ATX Supported<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                                                   |