



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

- INTEL® Haswell / Broadwell SoC Processor
- 2\* DDR3L 1333/1600 up to 16GB
- Support 1 \* Serial ATAIII (6Gb/s) Devices
- Integrated Realtek ALC662 HD Audio CODEC with 2-CH
- 1 \* 24 bits Dual Channel LVDS header
- 1 \* mPCIE
- 1 \* mSATA (share with mPCIE)
- 2 \* USB 2.0 + 4 \* USB 3.0
- 2 \* HDMI Output
- Supports 2 \* Gigabit LAN
- Support CPU Smart FAN
- DC IN Jack 9~24V

| Form Factor      |                                     |
|------------------|-------------------------------------|
| Dimensions       | - 3.5" SBC ( 148X102 mm )           |
| Processor System |                                     |
| CPU              | - INTEL® Haswell ULT i5-4300U/2980U |
| Core Number      | - BY CPU                            |
| Max Speed        | - BY CPU                            |
| L2 Cache         | - BY CPU                            |
| Chipset          | - SoC                               |
| BIOS             | - AMI 128/64Mb Flash ROM            |
| Expansion Slot   |                                     |
| PCI              | - 0                                 |
| Mini-PCle        | - 1 (half size)                     |
| mSATA            | - 1 (share with mPCle)              |
| PCle             | - 0                                 |

|                           |                                                |
|---------------------------|------------------------------------------------|
| CFast Card Socket         | - 0                                            |
| CF Card Socket            | - 0                                            |
| <b>Memory</b>             |                                                |
| Technology                | - 2 * DDR3L 1600/1333MHz Dual CH on board      |
| Max.                      | - 16GB                                         |
| Socket                    | - 2 * SODIMM                                   |
| <b>Graphics</b>           |                                                |
| Controller                | - Intel® HD Graphics                           |
| VRAM                      | - Shared Memory                                |
| VGA                       | - 0                                            |
| LVDS                      | - 1 * Onboard 24-bits single channel connector |
| HDMI                      | - 2                                            |
| DVI-I                     | - 0                                            |
| DisplayPort               | - 0                                            |
| MultiDisplay              | - Yes (Three Display)                          |
| <b>Ethernet</b>           |                                                |
| Ethernet                  | - 10/100/1000 Mbps                             |
| Controller                | - GbE LAN: I211AT + I218LM                     |
| Connector                 | - 2 x RJ 45                                    |
| <b>SATA</b>               |                                                |
| Max Data Transfer Rate    | - 1 * SATAIII (6.0Gb/s)                        |
| <b>Rear I/O</b>           |                                                |
| VGA                       | - 0                                            |
| DVI-I                     | - 0                                            |
| HDMI                      | - 2                                            |
| DisplayPort               | - 0                                            |
| Ethernet                  | - 2                                            |
| USB                       | - 6 (2 x USB 2.0 + 4 x USB 3.0)                |
| Audio                     | - 1 (Line-out)                                 |
| Serial                    | - 0                                            |
| eSATA                     | - 0                                            |
| PS2                       | - 0                                            |
| DC-input                  | - DC in Jack 9~24V                             |
| <b>Internal Connector</b> |                                                |
| USB                       | - 3 ( 3 x USB 2.0 )                            |
| PS2                       | - 1                                            |
| LVDS / inverter           | - 1                                            |
| VGA                       | - 0                                            |
| Serial                    | - 1(4 x RS-232 with 5V/12V selectable header)  |
| SATA                      | - 1 x SATAIII (6.0Gb/s)                        |
| mPCIe                     | - 1 (half size)                                |
| Parallel                  | - 0                                            |
| mSATA                     | - 1 (shared with mPCIe) +                      |
| CIR                       | - 0                                            |
| GPIO 8-bit                | - 4in / 4 out                                  |
| Chassis intrusion         | - 1 (via 2pin header)                          |
| Audio Header              | - 1 (9~24V)                                    |
| <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                 | - 9~24V DC-In Jack (2-pin PWR Con)             |

|                       |                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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■– 60■                                                                                                     |
|                       | - Storage: -20■– 85■                                                                                                     |