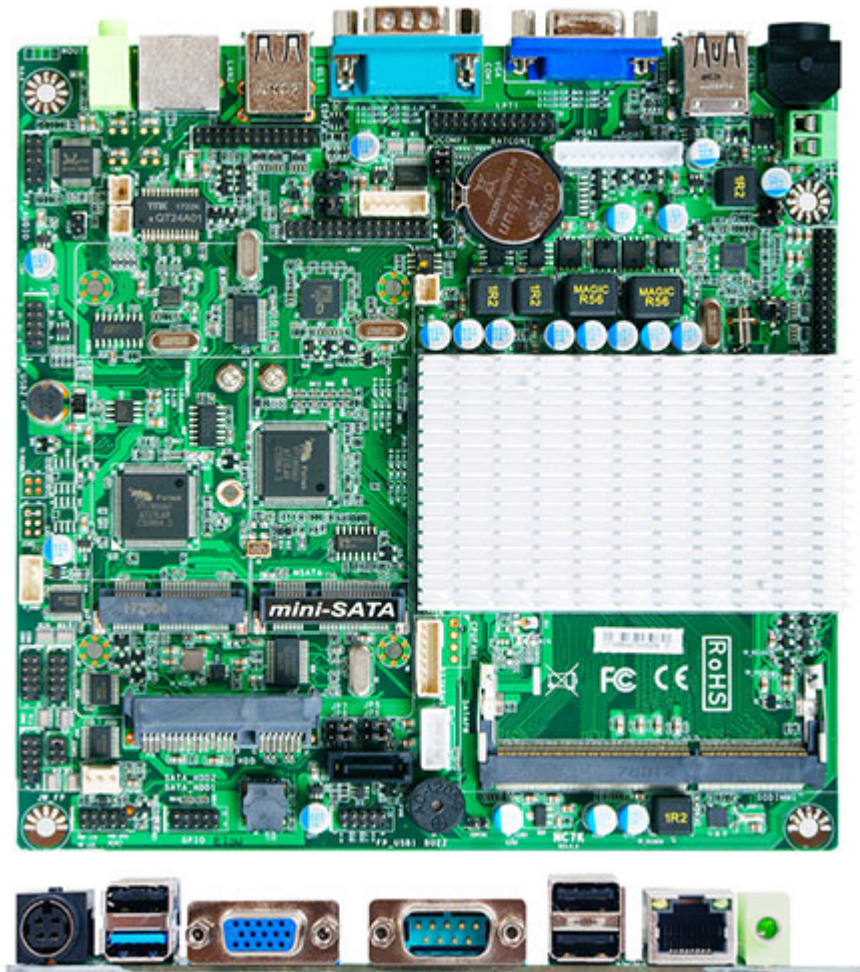


219.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Bay Trail-D J1900 SOC (CO-LAY N2930)
- Onboard INTEL® J1900 2.0GHz Quad Cores CPU
- Support 1\* DDR3/1333 SO-DIMM Max 8GB
- 1\* GbE, 1\* USB3.0, 8\* USB2.0, 4\* COM (COM1/2 Support 5V/12V)
- Support 1 \* SIM Card(Optional)
- Support CRT+ EDP+LVDS Display(Co-lay CRT +2\*EDP)
- Thin Mini-ITX Form Factor(170 x170mm)

| Form Factor      |                               |
|------------------|-------------------------------|
| Dimensions       | – Thin Mini-ITX (170 x 170mm) |
| Processor System |                               |
| CPU              | – Intel® Bay Trail-D J1900    |
| Core Number      | – 4                           |
| Max Speed        | – Turbo Boost 2.42GHz         |
| L2 Cache         | – 2MB                         |
| Chipset          | – SoC                         |
| BIOS             | – AMI 64M Flash ROM           |
| Expansion Slot   |                               |
| PCI              | – 0                           |
| Mini-PCIe        | – 1 (Full size)               |
| mSATA            | – 1                           |
| PCIe             | – 0                           |

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| M.2                       | – 0                                                              |
| SIM Card Holder           | – 1                                                              |
| <b>Memory</b>             |                                                                  |
| Technology                | – DDR3L 1333MHz DRAM                                             |
| Max.                      | – 8GB                                                            |
| Socket                    | – 1 * SO-DIMM                                                    |
| <b>Graphics</b>           |                                                                  |
| Controller                | – Intel® HD Graphics                                             |
| VRAM                      | – Shared Memory                                                  |
| VGA                       | – 1 (Max Resolution: 2560 x 1600@60Hz)                           |
| LVDS                      | – 1 (CO-Lay eDP)                                                 |
| eDP 1.3                   | – 1 (Max Resolution: 2560×1600@60Hz)                             |
| HDMI                      | – 0                                                              |
| Display Port              | – 0                                                              |
| MultiDisplay              | – Yes (Dual Displays)                                            |
| <b>Ethernet</b>           |                                                                  |
| Ethernet                  | – 10/100/1000 Mbps                                               |
| Controller                | – 1 * RTL8111G Gigabit LAN                                       |
| Connector                 | – 1 * RJ 45                                                      |
| <b>Audio</b>              |                                                                  |
| CODEC                     | – HD Audio : Realtek ALC662                                      |
| Channel                   | – FP_AUDIO, 3W Amplifier Speaker out                             |
| <b>SATA</b>               |                                                                  |
| Max Data Transfer Rate    | – 1 * SATAII (3.0Gb/s)                                           |
| <b>Rear I/O</b>           |                                                                  |
| VGA                       | – 1                                                              |
| DVI-D                     | – 0                                                              |
| HDMI                      | – 0                                                              |
| Display Port              | – 0                                                              |
| Ethernet                  | – 1                                                              |
| USB                       | – 1* USB 3.0 + 3* USB2.0                                         |
| Audio                     | – 1 (Line-out)                                                   |
| Serial / Parallel         | – 1 (RS232,Support 5/12V)                                        |
| PS2                       | – 0                                                              |
| DC-input                  | – 1                                                              |
| <b>Internal Connector</b> |                                                                  |
| USB                       | – 5 * USB 2.0                                                    |
| PS/2                      | – 1                                                              |
| LVDS / inverter           | – 1 (Co-lay EDP2)                                                |
| eDP                       | – 2 (EDP2 Co-lay LVDS)                                           |
| VGA                       | – 1                                                              |
| Serial                    | – 3 (COM2 Support 5V/12V)                                        |
| SATA                      | – 1 * SATAII (3.0Gb/s)(Co-lay 7+15pin SATA+SATA Power Connector) |
| mPCIe                     | – 1 (Full size)                                                  |
| Parallel                  | – 1                                                              |

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| m-SATA                    | – 1                                                                                                                      |
| GPIO                      | – 8bit                                                                                                                   |
| Chassis intrusion         | – 1                                                                                                                      |
| Audio Header              | – 1                                                                                                                      |
| SMBUS/ I2C                | – 0                                                                                                                      |
| AT mode                   | – 0                                                                                                                      |
| TPM Header                | – 0                                                                                                                      |
| Others                    | – 0                                                                                                                      |
| <b>Watchdog Timer</b>     |                                                                                                                          |
| Output                    | – From Super I/O to drag RESETCON#                                                                                       |
| Interval                  | – 256 segments (0 ~ 255sec)                                                                                              |
| <b>Power Requirements</b> |                                                                                                                          |
| Input PWR                 | – +12V DC-in (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: -10°C – 60°C                                                                                                |
|                           | – Storage: -20°C – 85°C                                                                                                  |
| <b>Warranty</b>           |                                                                                                                          |
| Warranty                  | – 2 Years Limited Warranty                                                                                               |