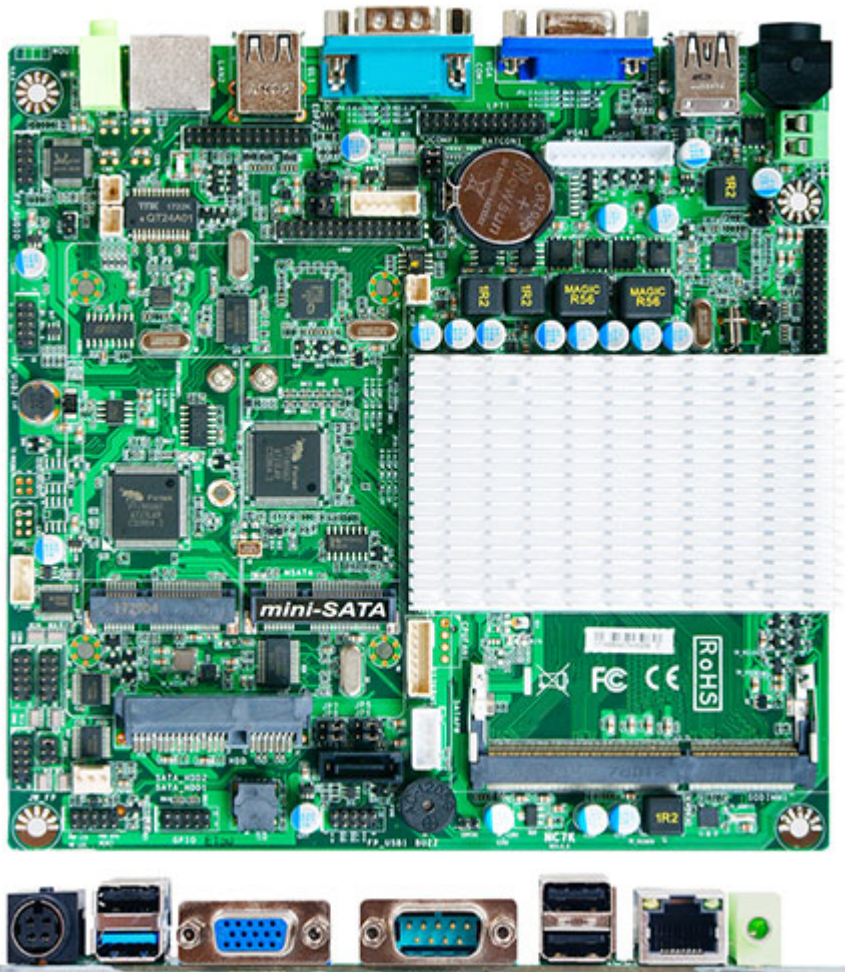


219.00 EUR  
incl. 19% VAT, plus [shipping](#)



- 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)

| <b>Form Factor</b>      |                               |
|-------------------------|-------------------------------|
| Dimensions              | – Thin Mini-ITX (170 x 170mm) |
| <b>Processor System</b> |                               |
| 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           |
| <b>Expansion Slot</b>   |                               |
| 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: 2560x1600@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   |