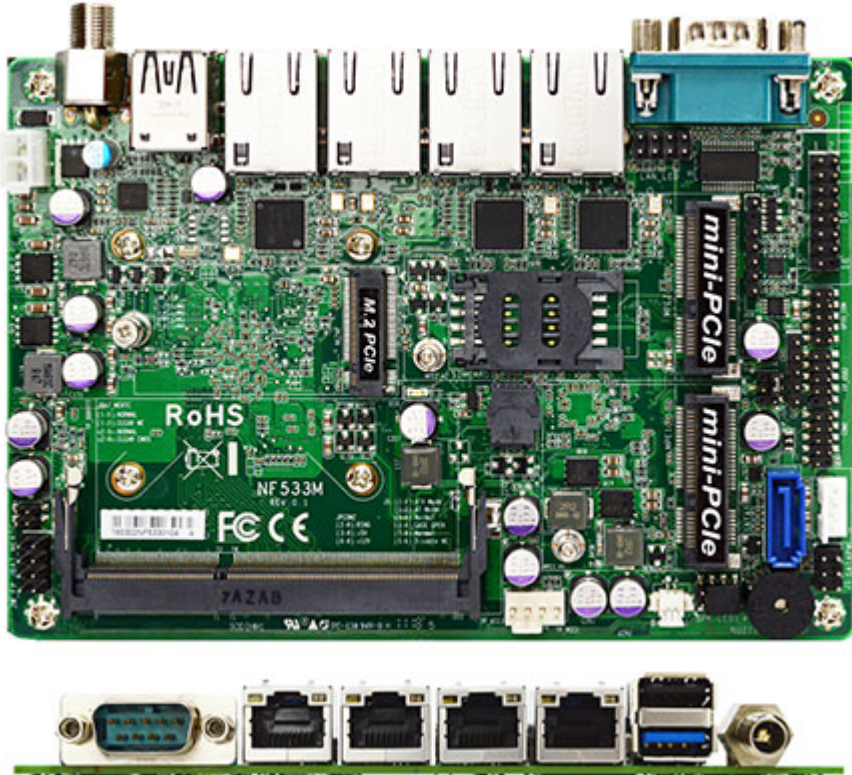


359.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Bay Trail-D J1900 2.0GHz Quad Core Processor
- Support 1 \* DDR3L 1333/1066MHz Single CH up to 8GB
- Support 1 \* Serial ATAI (3Gb/s) Device
- 4 \* Intel® i211AT PCIe GbE, 1 \* SIM card holder, 1 \* External COM (RS232), 1 \* Internal COM (RS232), 1 \* External USB3.0, 1 \* USB1.1/2.0, 2 \* Internal USB1.1/2.0
- 1 \* full size mPCIe, 1 \* half size mPCIe, 1 \* M.2(M-key, 2242)
- Lockable +12V DC-in PWR jack
- 3.5" Form Factor (148mm x 102mm)

## Model / Part Number

|             |                 |
|-------------|-----------------|
| Model       | – JNF533M-1900  |
| Part Number | – JJNF533M-1900 |

## Form Factor

|            |                           |
|------------|---------------------------|
| Dimensions | – 3.5" SBC (148 * 102 mm) |
|------------|---------------------------|

## Processor System

|             |                                                              |
|-------------|--------------------------------------------------------------|
| CPU         | – Intel® Bay Trail-D J1900 Celeron Processor, TDP: 10W       |
| Core Number | – Quad Core                                                  |
| Max Speed   | – Processor Base Frequency: 2.0GHz, Burst Frequency: 2.42GHz |
| Cache       | – 2MB                                                        |
| Chipset     | – SoC                                                        |
| BIOS        | – AMI 64Mb Flash ROM                                         |

## Expansion Slot

|                 |                                     |
|-----------------|-------------------------------------|
| Mini-PCIe       | – 2 (1 * full size * 1 * half size) |
| mSATA           | – 0                                 |
| PCIe            | – 0                                 |
| M.2             | – 1 (M-key, 2242)                   |
| SIM Card Holder | – 0                                 |

## Memory

|            |                                |
|------------|--------------------------------|
| Technology | – Single Channel DDR3L 1333MHz |
| Max.       | – 8GB                          |
| Socket     | – 1 * SO-DIMM                  |

## Graphics

|              |                                          |
|--------------|------------------------------------------|
| Controller   | – Intel® HD Graphics                     |
| VRAM         | – Shared Memory                          |
| VGA          | – 1 (Max. Resolution : 2560 * 1600@60Hz) |
| LVDS         | – 0                                      |
| eDP          | – 0                                      |
| HDMI 1.4     | – 0                                      |
| MultiDisplay | – 0                                      |

## Ethernet

|            |                         |
|------------|-------------------------|
| Ethernet   | – 10/100/1000 Mbps      |
| Controller | – GbE LAN: Intel i211AT |
| Connector  | – 4 * RJ 45             |

## Audio

|         |                    |
|---------|--------------------|
| CODEC   | – Realtek ALC662VD |
| Channel | – MIC/Line Out     |

## SATA

|                        |                        |
|------------------------|------------------------|
| Max Data Transfer Rate | – 1 * SATAII (3.0Gb/s) |
|------------------------|------------------------|

## Rear I/O

|          |                                 |
|----------|---------------------------------|
| VGA      | – 0                             |
| HDMI     | – 0                             |
| Ethernet | – 4                             |
| USB      | – 2 (1 * USB 2.0 + 1 * USB 3.0) |
| Audio    | – 0                             |
| Serial   | – 1 (RS232)                     |
| PS2      | – 0                             |
| DC-input | – 1                             |

## Internal Connector

|                   |                                           |
|-------------------|-------------------------------------------|
| USB               | – 2 ( 2 * USB 2.0 via 10pin header )      |
| PS/2              | – 1                                       |
| LVDS / inverter   | – 0                                       |
| eDP               | – 0                                       |
| VGA               | – 1                                       |
| Serial            | – 1 (RS232 with 5V/12V selectable header) |
| SATA              | – 1 * SATAII (3.0Gb/s)                    |
| mPCIe             | – 2 (1 * full size & 1 * half size)       |
| SIM card holder   | – 1                                       |
| M.2               | – 1 (M-key, 2242)                         |
| GPIO 8-bit        | – 4in / 4 out                             |
| Chassis intrusion | – 1 (via 2pin header)                     |
| SMBUS/ I2C        | – 1 (SMBUS)                               |
| AT mode           | – 1                                       |

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| TPM Header                | – N/A                                                                                                                    |
| Others                    | – N/A                                                                                                                    |
| <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                 | – Lockable +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: 0°C – 60°C                                                                                                  |
|                           | – Storage: -20°C – 85°C                                                                                                  |
| <b>Warranty</b>           |                                                                                                                          |
| Warranty                  | – 2 Years Limited Warranty                                                                                               |