



339.00 EUR

incl. 19% VAT, plus shipping

- **ASmedia LAN !**

- Intel® Bay Trail-D J1900 2.0GHz Quad Core Processor
- Support 1 \* DDR3L 1333/1066MHz Single CH up to 8GB
- Support 1 \* Serial ATail (3Gb/s) Device
- 4 \* ASmedia PCIe GbE LAN, 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)
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## Processor System

CPU	– Intel® Bay Trail-D J1900 Celeron Processor, TDP: 10W
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Core Number	– Quad Core
Max Speed	– Processor Base Frequency: 2.0GHz, Burst Frequency: 2.42GHz
Cache	– 2MB
Chipset	– SoC
BIOS	– AMI 64Mb Flash ROM
<b>Expansion Slot</b>	
Mini-PCIe	– 2 (1 * full size * 1 * half size)
mSATA	– 0
PCIe	– 0
M.2	– 1 (M-key, 2242)
SIM Card Holder	– 0
<b>Memory</b>	
Technology	– Single Channel DDR3L 1333MHz
Max.	– 8GB
Socket	– 1 * SO-DIMM
<b>Graphics</b>	
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: ASmedia
Connector	– 4 * RJ 45

## Audio

CODEC	– Realtek ALC662VD
Channel	– MIC/Line Out

## SATA

Max Data Transfer Rate	– 1 * SATAII (3.0Gb/s)
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## 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
<b>Internal Connector</b>	
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

## Watchdog Timer

Output	– From Super I/O to drag RESETCON#
Interval	– 256 segments, 0,1,2...255sec/min

## Power Requirements

Input PWR	– Lockable +12V DC-in (2-pin PWR Con)
Power On	AT/ATX Supported – AT : Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready

## Certifications

Certifications	– CE, FCC, RoHS, REACH
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## Environment

Temperature	– Operating: 0°C – 60°C
	– Storage: -20°C – 85°C

## Warranty

Warranty	– 2 Years Limited Warranty
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