



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 ATall (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)
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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)
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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

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
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
Environment	
Temperature	– Operating: 0°C – 60°C
	– Storage: -20°C – 85°C
Warranty	
Warranty	– 2 Years Limited Warranty