



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

- Intel® Celeron™ J1900 (2.0 GHz) quad-core processor
- Onboard SAMSUNG 4G/1333MHz DDR3L Memory
- Supports up to 2 Displays, LVDS,EDP, VGA
- 1 * M.2 Socket (2242/2260/2280)
- Dual Intel® Gigabit LAN
- 4 * Serial Ports (COM1/2 RS232/422/485), 8-bit GPIO, 2 * USB 3.0 Ports, 6 * USB 2.0 Ports, Watchdog Timer
- +9V ~ +28V DC-in or 4-pin Internal Power Connector
- 5.25" Form Factor (120mm * 200mm)

Form Factor	
Dimensions	– 5.25" (120 * 200mm)
Processor System	
CPU	– INTEL® Celeron™ J1900 (2.0 GHz) quad-core processor
Core Number	– 4
Max Speed	– 2.0GHz
L2 Cache	– 2MB
Chipset	– SOC
BIOS	– AMI 64Mb Flash ROM
Expansion Slot	
PCI	– 0
Mini-PCIe	– 1 (full size)
M.2	– 1(2242/2260/2280)
SIM card holder	– 1
Memory	
Technology	– Onboard SAMSUNG 4G/1333MHz DDR3L Memory
Max.	– 8GB
Socket	– 0
Graphics	

Controller	– (by CPU)
VRAM	– Shared Memory
VGA	– 1
LVDS	– 1
eDP	– 1
HDMI	– 0
DVI■D	– 0
MultiDisplay	– Yes (Dual Displays)

Ethernet

Ethernet	– 10/100/1000 Mbps
Controller	– 2 * Intel® i211AT Gigabit LAN
Connector	– 2 * RJ 45

Audio

CODEC	– HD Audio : Realtek ALC662
Channel	– 2 Channe

SATA

Max Data Transfer Rate	– 1 * SATAIII (6.0Gb/s)
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Rear I/O

VGA	– 1
DVI-D	– 0
Display Port	– 0
Ethernet	– 2
USB	– 4 (2 * USB3.0 + 2*USB2.0)
Audio	– 0
Serial	– 2 (RS-232/422/485 with 5V/12V selectable header)
DC-input	– 1

Internal Connector

USB	– 2 (2 * USB 2.0)
PS/2	– 0
LVDS / inverter	– 1
eDP	– 1
Serial	– 2 (2 * RS-232 with 5V/12V selectable header)
SATA	– 1 * SATAIII (6.0Gb/s)
Mini PCI-e	– 1 (full size)
M.2	– 1 (2242/2260/2280)
GPIO	– 4 in / 4 out
Chassis intrusion	– 1
Audio Header	– 1
SMBUS/ I2C	– 1/1
AT mode	– 1
Others	– Support Expansion card (2*COM+2*USB2.0)

Watchdog Timer

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

Power Requirements

Input PWR	– +9~28V 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