



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

- JNF531M-3160

- Intel® Braswell Processor
- 1 * DDR3L 1600MHz SODIMM, up to 8GB
- Support HDMI, Display Port, LVDS Triple Independent Displays
- 2 * Intel i211AT GbE
- Integrated Realtek ALC662VD Audio CODEC with 6-CH
- 1 * Serial ATAPI (6Gb/s)
- 1 * External RS232(RJ45 Type) & 5 * Internal COM (COM2 support RS232/422/485)
- 4 * External USB3.0 & 2 * Internal USB1.1/2.0
- 1 * half size Mini PCIe, 1 * M.2 (M-key, 2242)
- +9V~+36V Lockable DC-in Jack
- 3.5" SBC Form Factor (148mm * 102mm)

Form Factor

Dimensions	– 3.5" SBC (148X102 mm)
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Processor System

CPU	– Intel® Braswell N3160, 1.60Ghz
Core Number	– 4
Max Speed	– 2.24GHz
L2 Cache	– 2M
Chipset	– SoC
BIOS	– AMI 64Mb Flash ROM

Expansion Slot

PCI	– 0
Mini-Pcie	– 1 (half size)
mSATA	– 0

Memory

Technology	- 1 * DDR3L 1600MHz SODIMM
Max.	- 8GB
Socket	- 1 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 0
LVDS	- 1 (24-bits Dual Channel)
HDMI	- 1 (Max. Resolution: 3840 * 2160@30Hz,2560 * 1600@60Hz)
Display Port	- 1 (Max. Resolution: 3840 * 2160@30Hz,2560 * 1600@60Hz)
MultiDisplay	- Yes (Triple Independent Display)
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- Intel i211AT Gigabit LAN
Connector	- 2 * RJ 45
Audio	
CODEC	- HD Audio: Realtek ALC662VD
Channel	- 6 Channel
SATA	
Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
Rear I/O	
DisplayPort	- 1
HDMI	- 1
Ethernet	- 2
USB	- 4 * USB 3.0
Serial	- 1 (RJ45 Type)
DC-input	- 1 (+9V~+36V Lockable)
Internal Connector	
USB	- 2 * USB 2.0
LVDS / inverter	- 1
Serial	- 5 (4 * RS232, COM2 support RS232/422/485)
SATA	- 1 (SATAIII 6.0Gb/s)
mPCIe	- 1 (half size)
M.2	- 1 (M-key, 2242 SATA interface)
GPIO	- 1 (4in/4 out)
Chassis intrusion	- 1
Audio Header	- 1 (Line Out & MIC)
AT mode jumper	- 1
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- 9V~+36V Lockable DC-in jack

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