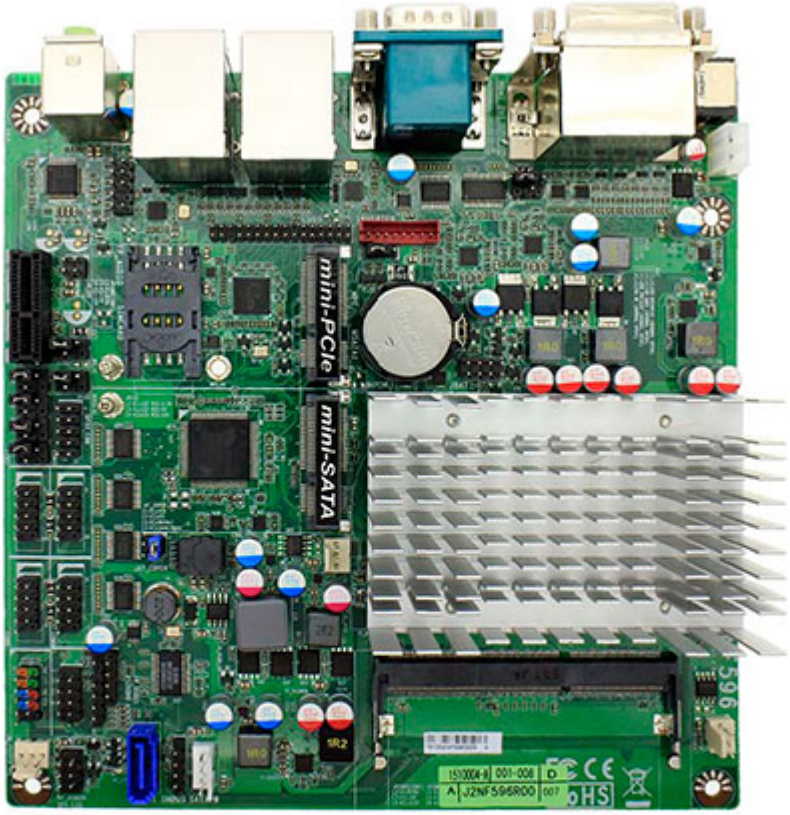
298.00 EUR
incl. 19% VAT, plus shipping



- Intel® Braswell –N3160 Processor
- 1 * DDR3L 1600MHz SO-DIMM up to 8GB
- Support DVI-D, HDMI, LVDS 3 Independent Display
- Realtek RTL8111G PCIe GbE, 2 * RJ45 ports
- Support 1 * Serial ATAIII (6Gb/s),1 * Full size mSATA
- 1 * RS232/422/485(COM1), 5 * COM (RS232)
- 4 * External USB3.0 & 3 * Internal USB1.1/2.0
- 1 * PCIe x1 slot, 1 * Full size mPCIe
- 1 * SIM Card Holder
- Integrated Realtek ALC662VD Audio CODEC with 4-CH
- Mini-ITX Form Factor (170mm * 170mm)

Form Factor	
Dimensions	- Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	
CPU	- Intel® Braswell – N3160 Processor
Core Number	- 4
Max Speed	- 2.24GHz
L2 Cache	- 2M
Chipset	- SoC
BIOS	- AMI 64Mb Flash ROM

Expansion Slot	
Mini-PCIe	- 1 (full size)
mSATA	- 1 (full size)
PCIe	- 1 (x1)
SIM card holder	- 1
Memory	
Technology	- 1 * DDR3L 1600 MHz SDRAM
Max.	- 8GB
Socket	- 1 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 0
DVI-D	- 1 (DVI-D, Max. Resolution : 1920 * 1080@60Hz)
LVDS	- 1 (24-bits Dual Channel, Max. Resolution : 1920 * 1080@60Hz)
HDMI	- 1 (Max. Resolution : 1920 * 1080@60Hz)
MultiDisplay	- Yes (Triple Independent Display)
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- PCIe GbE LAN : Realtek RTL8111G
Connector	- 2 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662VD
Channel	- 4 Channel
SATA	
Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
RAID	- No
Rear I/O	
VGA	- 0
DVI-D	- 1
HDMI	- 1
Ethernet	- 2
USB	- 4 * USB 3.0
Audio	- 1
Serial	- 2 (1 * RS232, 1 * RS232/422/485 with 5V/12V selectable header)
PS2	- 0
DC-input	- 1 * 12V DC-in
Internal Connector	
VGA	- 0
USB	- 3 * USB 2.0
LVDS / inverter	- 1
Serial	- 4 * RS232 with 5V/12V selectable header
SATA	- 0
mPCIe	- 1 (full size)
mSATA	- 1 (full size)

M.2	- 0
SIM card holder	- 1
Chassis intrusion	- 1
PS/2	- 1
GPIO	- 1 (4in/4 out)
SMBUS/ I2C	- 1 (I2C)
Audio Header	- 1 (Line-out & MIC)
Audio Amplifier Header	- 0
AT mode	- 1
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2…255sec/min
Power Requirements	
Input PWR	- +12V DC-in PWR 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