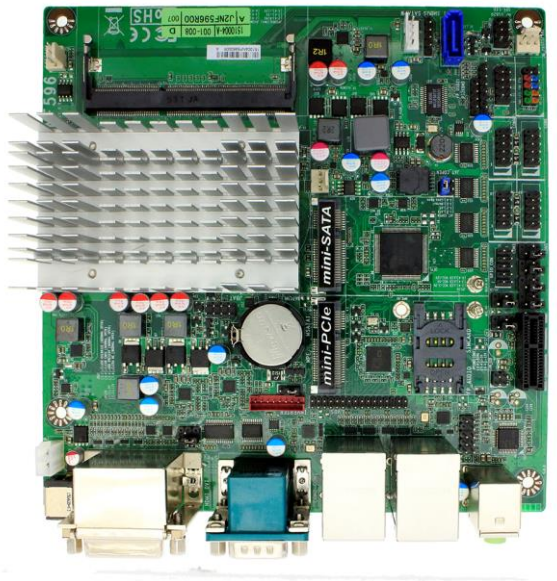


Mini-ITX Motherboard

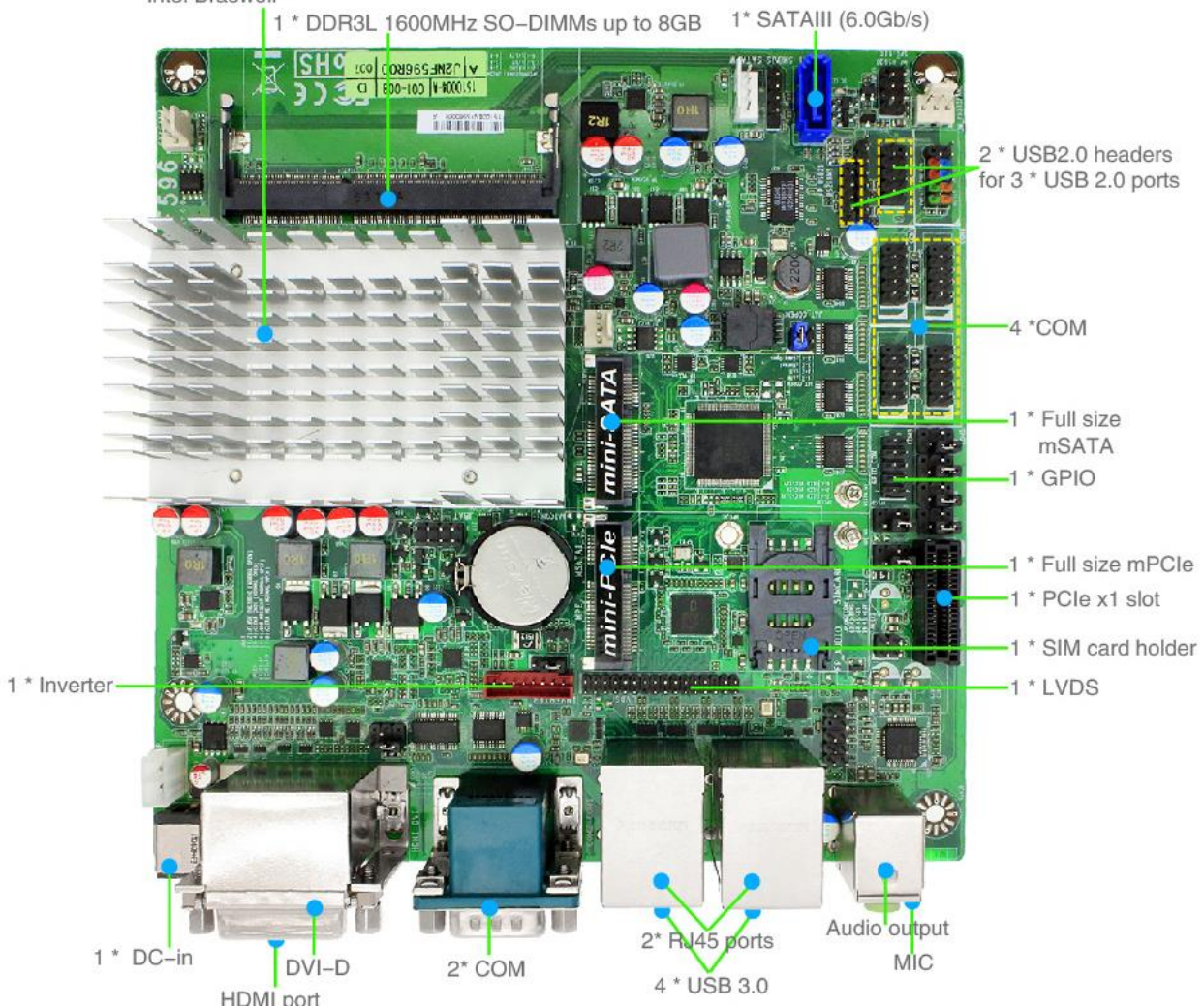
JNF596-3160



1. Intel® Braswell N3160 SoC Processor
2. 1 * DDR3L 1600MHz SO-DIMM up to 8GB
3. Support DVI-D, HDMI, LVDS 3 Independent Displays
4. Realtek RTL8111G GbE, 2 * RJ45 ports
5. Support 1 * Serial ATAPII (6Gb/s), 1 * Full size mSATA
6. 1 * RS232/422/485(COM1), 5 * COM (RS232)
7. 4 * External USB3.0 & 3 * Internal USB1.1/2.0
8. 1 * PCIe x1 slot, 1 * Full size mPCIe
9. 1 * SIM Card Holder
10. Integrated Realtek ALC662VD Audio CODEC with 4-CH
11. Mini-ITX Form Factor (170mm * 170mm)



Intel Braswell – N3160 Processor



Product Specifications	
Form Factor	
Dimensions	- Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	
CPU	- Intel® Braswell N3160 SoC 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 1600MHz SDRAM
Max.	- 8GB
Socket	- 1 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
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: 3840 * 2160@30Hz)
MultiDisplay	- Triple Displays
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- Realtek RTL8111G GbE
Connector	- 2 * RJ45
Audio	
CODEC	- HD Audio: Realtek ALC662VD
Channel	- 4 Channel
SATA	
Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
RAID	- No
Rear I/O	
HDMI	- 1

DVI-D	- 1
Ethernet	- 2
USB	- 4 * USB 3.0
Audio	- 1 (Line-out & MIC)
Serial	- 2 (1 * RS232, 1 * RS232/422/485 with 5V/12V selectable header)
DC-input	- 1 * 12V DC-in
Internal Connector	
USB	- 3 * USB 2.0
LVDS / inverter	- 1
Serial	- 4 * RS232 with 5V/12V selectable header
SATA	- 1
mPCIe	- 1 (full size)
mSATA	- 1 (full size)
SIM card holder	- 1
Chassis intrusion	- 1
PS/2	- 1
GPIO	- 1 (8 bit)
SMBUS/ I2C	- 1
Audio Header	- 1
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 (with 0.7m/s air flow) - Storage: -20°C – 85°C

*For further information please visit the website at <http://www.jetwayipc.com>

*The Specification may be changed without further notice.

Accessories

Part Number	Description
	JNF596 M/B
G01-SATA-BK-B-2F	SATA cable
G01-PW4PS-2S-323F	SATA Power cable
G01-COM9-30A-1F	COM cable
F04-MB-044-F	I/O Shield