

1. Intel® Braswell -N Processor
2. Support DDR3L 1600MHz Dual Channel, 2 \* SO-DIMMs, Max. up to 8GB
3. Support VGA, DVI-D, LVDS 3 Independent Display
4. Realtek RTL8111G PCIe GbE, 2 \* RJ45 ports
5. Support 2 \* Serial ATAIII (6Gb/s)
6. 1 \* COM ( RS232/422/485), 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 \* M.2 ( SATA interface only, M key-2242/2260/2280 )
10. 1 \* SIM Card Holder
11. 1 \* Internal 4 Channel Audio ( Line Out & MIC )
12. Lockable DC input over/under voltage protection
13. 3 \* 4pin FAN type auto detection
14. Thin Mini-ITX Form Factor (170mm \* 170mm)



2 \* DDR3L 1600MHz Dual Channel, Max. up to 8GB

2 \* SATAIII (6Gb/s)

2 \* USB2.0 headers for 3\* USB2.0 ports

Intel®Braswell SoC BGA1170

5\* COM

1 \* M.2 ( SATA interface only, M key-2242/2260/2280 )

1\* GPIO

1 \* Full size mPCIe

1 \* PCIe x1 slot

1 \* SIM Card Holder

1\* DC-input  
2\* USB3.0 ports

DVI-D port

COM port

2\* RJ45 ports  
2\* USB3.0 ports



## Product Specifications



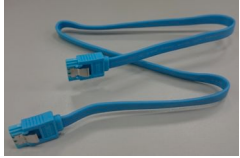

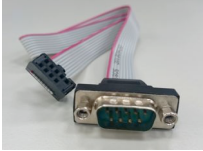

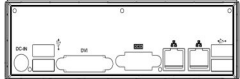
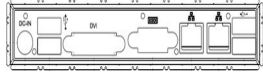
Form Factor	
Dimensions	- Thin Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	
CPU	- Intel® Braswell - N Processor
Core Number	- (By CPU)
Max Speed	- (By CPU)
L2 Cache	- (By CPU)
Chipset	- SoC
BIOS	- AMI 64Mb Flash ROM
Expansion Slot	
Mini-PCIe	- 1 (full size)
mSATA	- 0
PCIe	- 1 (x1)
SIM card holder	- 1
Memory	
Technology	- Dual Channel DDR3L 1600 MHz SDRAM
Max.	- 8GB
Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1 ( Internal, Max. Resolution : 1920 * 1200@60Hz)
DVI-D	- 1 ( DVI-D, Max. Resolution : 1920 * 1200@60Hz)
LVDS	- 1 ( 24-bits Dual Channel, Max. Resolution : 1920 * 1080@60Hz)
HDMI	- 0
MultiDisplay	- Yes ( 3 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	- 2 * SATAIII (6.0Gb/s)
RAID	- No
Rear I/O	
VGA	- 0
DVI-D	- 1
HDMI	- 0

Ethernet	- 2
USB	- 4 * USB 3.0
Audio	- 0
Serial	- 1 * RS232/422/485 with 5V/12V selectable header
PS2	- 0
DC-input	- 1
<b>Internal Connector</b>	
USB	- 3 * USB 2.0
LVDS / inverter	- 1
Serial	- 5 * RS232 with 5V/12V selectable header
SATA	- 2
mPCIe	- 1 (full size)
mSATA	- 0
M.2	- 1 ( SATA interface only, M key-2242/2260/2280, shared with SATAII)
SIM card holder	- 1
Chassis intrusion	- 1 (via 12pin header)
PS/2	- 1
GPIO	- 1 ( 4in/4 out)
SMBUS/ I2C	- 1 ( I2C)
Audio Header	- 1 ( Line Out & MIC)
Audio Amplifier Header	- 1 ( 3W Amp.)
AT mode	- 1
<b>Watchdog Timer</b>	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
<b>Power Requirements</b>	
Input PWR	- +12V Lockable 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
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: 0°C – 60°C
	- 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.

## Product Accessories

<b>Parts</b>	<b>Manual</b>	<b>CD Driver</b>	<b>SATA cable</b>	<b>SATA Power cable</b>
<b>P/N</b>	G03-NF591-F	G02-DVD21-A4-WF	G01-SATA3-BL-F	G01-XH4-SA15-35F
<b>Q'ty</b>	1	1	2	1
<b>Picture</b>				
<b>Parts</b>	<b>COM cable</b>	<b>VGA cable</b>	<b>I/O Shield</b>	<b>I/O Shield</b>
<b>P/N</b>	G01-COM9-30A-F	G01-VGA+MAG30-F	F04-MB-038-F	F04-MB-039-F
<b>Q'ty</b>	1	1	1	1
<b>Picture</b>				

## Product Application

V	Panel PC (工業平板電腦)	V	Medical (醫療)	V	POE/Surveillance (安防監控)
V	Commercial (商業應用)	V	POS/KIOSK (零售系統)	V	Power (電力系統)
V	Banking (銀行金控)	V	Industrial Automation (工業自動化)		Mobile (移動系統)
	Military (軍方應用)	V	Transportation (交通)		Storage(Nas) (存儲系統)
V	Digital Signage (數字標牌)	V	Telecom (通訊)		I.O.T(物聯網)
V	Gaming (博奕)	V	Networking (網絡應用)	V	AIO(一体机)