

Intel® Braswell N3160 SoC processor, DDR3L up to 8GB, 2 HDMI, 1*DP, 12V DC-in*

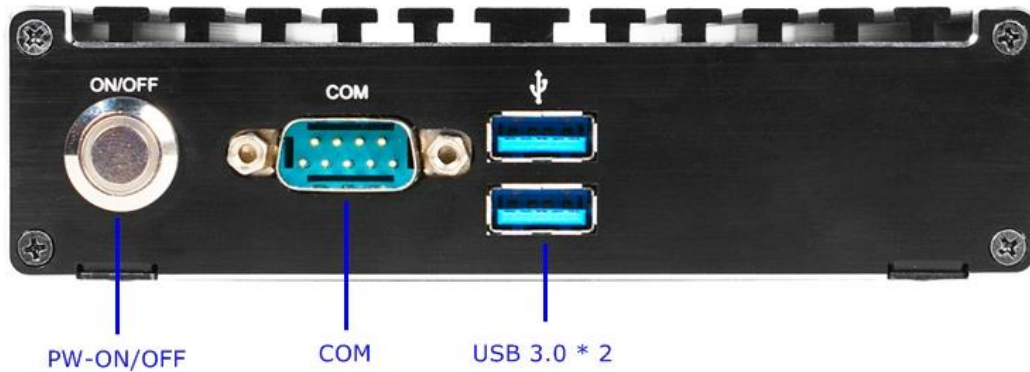
Features

1. Intel® Braswell N3160 SoC Processor 1.6GHz (up to 2.24GHz)
2. 1* DDR3L-1600MHz SO-DIMM up to 8GB
3. 2* Realtek RTL8119I GbE
4. 1* COM, 1* SIM card holder, 1* half size Mini PCIe slot
(for mini-PCIe WiFi module)
5. 2* HDMI, 1* DP, support Triple Independent Displays
6. 12V DC-in, DC12V_40W Adapter

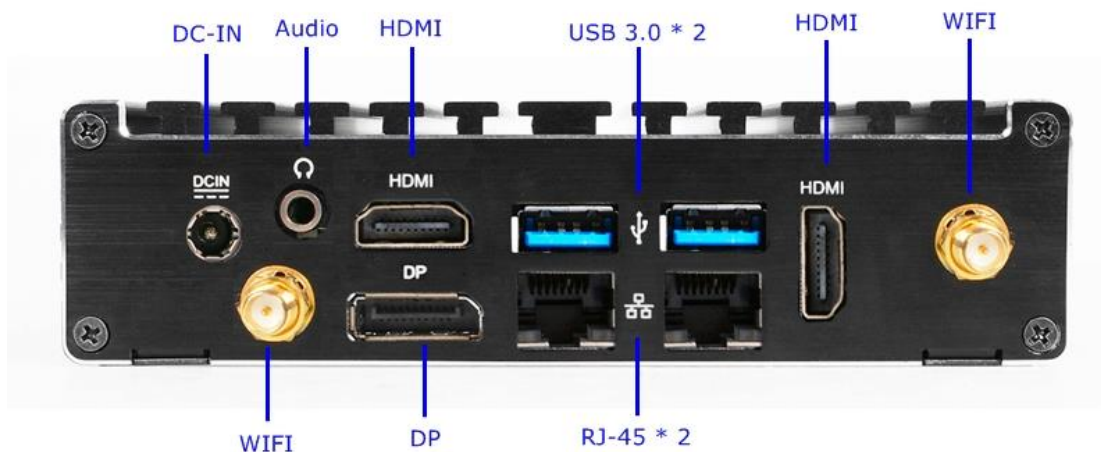


intel. FC CE RoHS COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBJC420U591-316R (CPU: N3160)
- HBJC420U591Z-316R (CPU: N3160, Wifi)

BIOS

AMI 64Mb Flash ROM

Network

2* Realtek RTL8119I GbE

Storage

1* mSATA (Shared with full size Mini PCIe)

Rear Panel I/O

- 2* USB 3.0
- 2* HDMI (Max. Resolution: 3840×2160@30Hz)
- 1* DP (Max. Resolution: 3840×2160@30Hz)
- 2* RJ45
- 1* Line-out/MIC Combo
- 1* DC-in jack
- WiFi (Option)

Internal Connector

1* SIM card holder

Compliance

CE, FCC, RoHS, ErP Ready

Temperature

- Operating Temperature: 0° C ~ 50° C
- Storage Temperature: -10° C ~ 70° C

OS Support

Windows 10, Linux.

Warranty

2 Years limited warranty

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

CPU / Chipset

Intel® Braswell N3160 SoC Processor 1.6GHz (up to 2.24GHz) (TDP 6W)

Memory

1* DDR3L 1600MHz SO-DIMM up to 8GB

Graphics

- Intel® HD Graphics, shared memory
- 2* HDMI (Max. Resolution: 3840×2160@30Hz)
- 1* DP (Max. Resolution: 3840×2160@30Hz)
- Support Triple Displays

Expansion

- 1* Mini-PCIe (Half size)

Front Panel I/O

- 2* USB 3.0
- 1* COM (Max)
- 1* Power button
- 1* Power LED

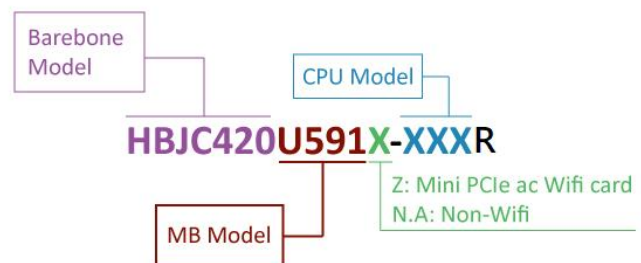
Power Source

- JNU591R-3160 MB : DC-in 12V
- Adapter : AC_90~240V / DC_12V / 40W

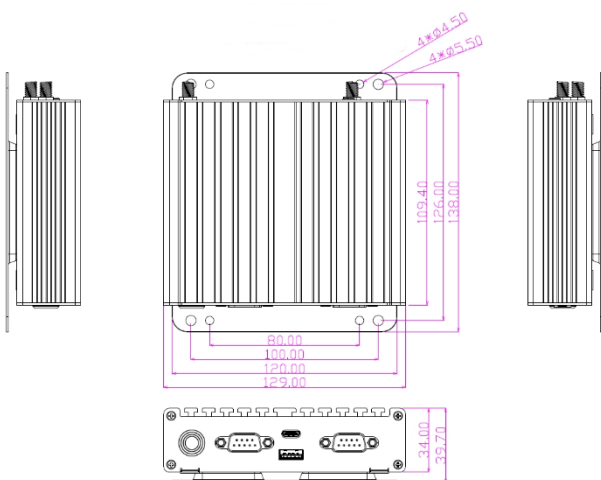
Dimensions

System: 129 (W) x 110 (D) x 34 (H) mm
Box: 158 (W) x 167 (D) x 123.6 (H) mm

Part Number Rules



Mechanical Drawings (Unit=mm)



Standard Accessories

Part Number	Description
-----	HBJC420U591-316R Series
L01AS050-F	Adapter 12V/3.3A 40W
Change according to shipping area	Power cord
HCS310MWM01B-F	JC3XX/4XX Wall+VESA mount bracket
LCSCHBJC3XX-F	Screw Pack
HCS3XXDINRAILPS-F	Din Rail Clip
HNSCOMWFAWCB161HF	Mini PCIe ac Wifi card (Wifi only)
J05-ANT-GX57245-F	Antenna2G4/5G 2.8dBi GX572450001SM (Wifi only)