

HBJC420P691-345N

Intel® Apollo Lake J3455 SoC Processor, PICO form factor Fanless system

Features

1. Intel® Apollo Lake J3455 SoC Processor
2. 1* DDR3L 1866MHz SO-DIMM Up to 8 GB
3. 1* HDMI, 2* USB 3.0, 2* USB 2.0, 1* RJ45, 1* Micro SIM card slot
4. 1* Mini PCIe (full size), 1* M.2 M-key (2242)
5. 12V DC-in

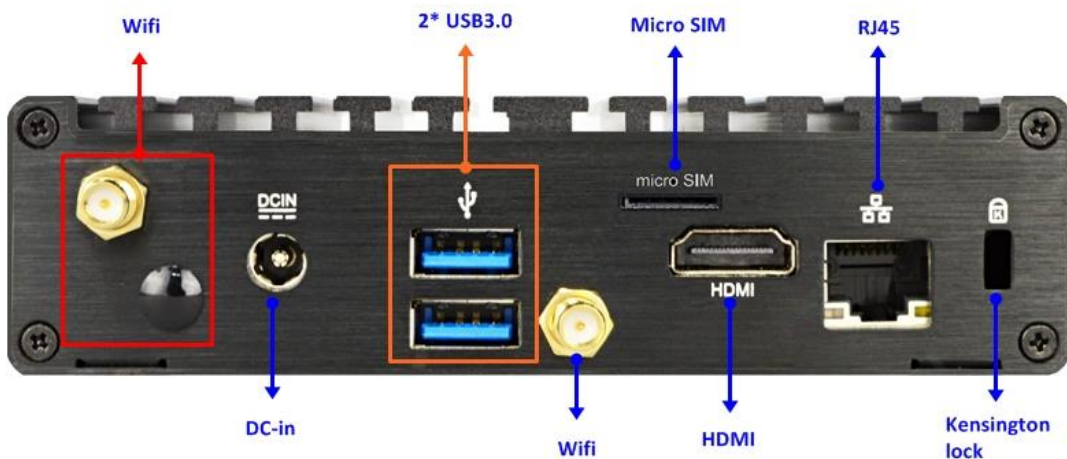


intel. FC CE RoHS COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBJC420P691-345N
- HBJC420P691Z-345N (Mini PCIe ac WiFi card)

BIOS

AMI Flash ROM

Network

- 1* Realtek RTL8111H GbE

Storage

- 1* M.2 M-key (2242, SATA interface)

Rear Panel I/O

- 2* USB 3.0 ports
- 1* HDMI (Max. resolution: 4096x2304@60Hz)
- 1* RJ45
- 1* Micro SIM card slot
- 1* Kensington lock
- 2* Antenna holes
- 1* DC-in jack

Internal Connector

- N.A.

Compliance

CE, FCC, LVD Ready

Temperature

- Operating Temperature: 0 ~ 50° C
- Storage Temperature: -20 ~ 80° C
- Humidity : Between 90%, non-condensing

OS Support

Win10, 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® Apollo Lake J3455 SoC Processor

Notes: When the system runs, CPU will automatically adjust its working clock frequency according to changing workload.

Memory

1* DDR3L 1866MHz SO-DIMM slot up to 8GB

Graphics

- Intel® HD Graphics, shared memory
 - 1* HDMI (Max Resolution: 4096x2304@60Hz)
- Support Single Display

Expansion

- 1* Full-size Mini-PCIE slot (for WIFI model)

Front Panel I/O

- 1* Power LED
- 1* Power button
- 2* USB2.0

Power Source

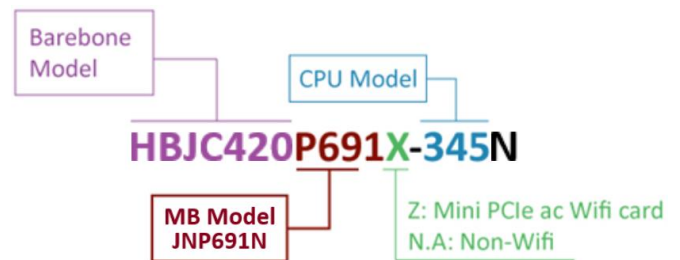
- MB : DC-in 12V
- Adapter : AC_90~240V / DC_12V / 40W

Dimensions

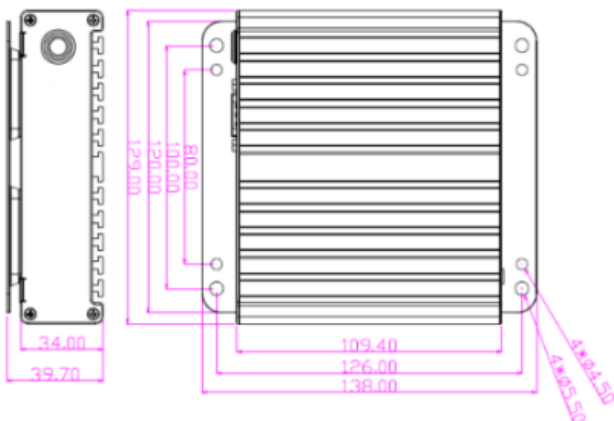
System: 129 (W) x 109.4 (D) x 34 (H) mm

Box: 158 (W) x 167 (D) x 123.6 (H) mm

Part Number Rules



Mechanical Drawings (Unit=mm)



Ordering Info

Part Number	Description
	HBJC420P691-345N Series
L01AS051-F	Adapter 12V/40W
Change according to shipping area	Power cord
HCS310MWM01B-2F	VESA mount / Black color
LCSCHBJC3XX-F	Screw pack
J05-ANT-GX57245-F	Antenna2G4 -2dBi (WiFi only)
HCS3XXDINRAILPS-F	Din Rail Clip
HNSCOMWFAWCB161HF	Mini PCIe ac WiFi card (WiFi only)