

HBJC420P891-4125P

Intel® Gemini Lake-R SoC Processor, support DDR4 up to 8GB

Features

1. Intel® Gemini Lake-R SoC Processor
2. 1* 260-pin DDR4 2400MHz SODIMM Up to 8 GB
3. 2* HDMI, 2* USB 3.0, 2* USB 2.0, 1* RJ45, 1* SIM Card
4. 64GB eMMC on board
5. 1* Mini PCIe (Full size), 1* M.2 M-key (2242)
6. 12V DC-in

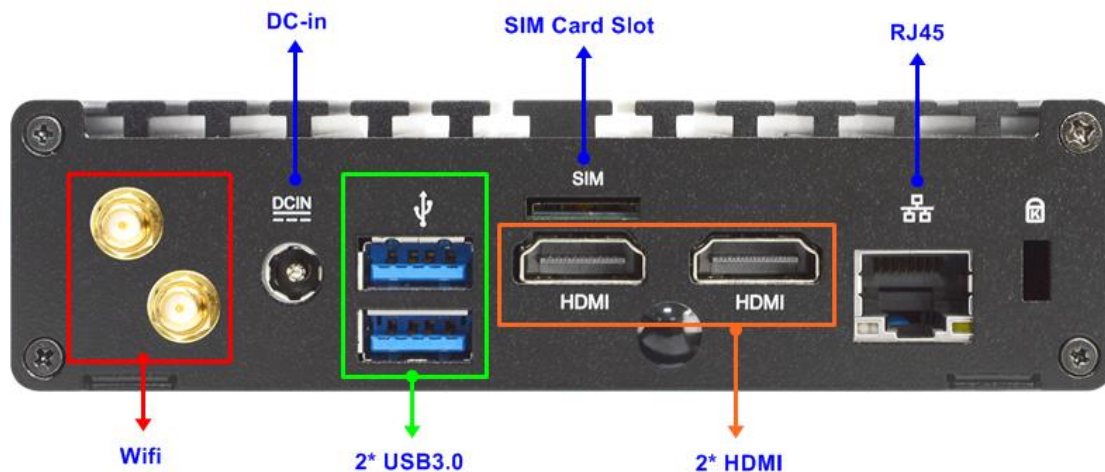


intel. FC CE RoHS
COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBJC420P891-4125P
- HBJC420P891Z-4125P (Mini PCIe ac WiFi card)

BIOS

AMI Flash ROM

Network

- 1 * Realtek RTL8111H GbE

Storage

- 1 * M.2 M-key (2242, W/SATA interface)
- 64GB onboard eMMC (default)

Rear Panel I/O

- 2 * USB3.0
- 2 * HDMI (Max. 4096x2160@60Hz resolution)
- 1 * RJ45
- 1 * Kensington lock
- 2 * Antenna holes
- 1 * DC-in jack

Internal Connector

N/A

Compliance

CE, FCC, LVD Ready

Temperature

- Operating Temperature: 0 ~ 60° C
- Storage Temperature: -20 ~ 80° C
- Humidity : 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® Gemini Lake-R SoC Processor

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

Memory

1* SO-DIMM DDR4-2400 up to 8GB

Graphics

- Intel® HD Graphics, shared memory
- 2* HDMI (Max. 4096x2160@60Hz resolution)
Support Dual Displays

Expansion

- 1 * Full-size Mini-PCIe slot (Can be installed WiFi module & 3G/4G module)

Front Panel I/O

- 2* USB 2.0
- 1* Power button + Power LED

Power Source

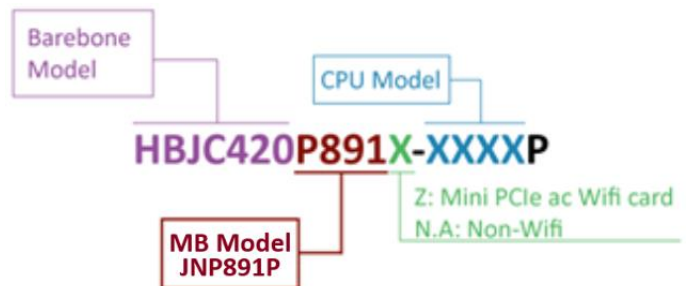
- MB : DC-in 12V
- Adapter : AC_90~240V / DC_12V / 40W

Dimensions

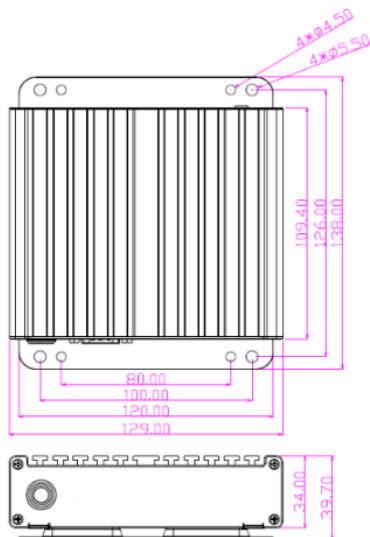
System: 129 (W) x 109.4 (D) x 34 (H) mm

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

Part Number Rules



Mechanical Drawings (Unit=mm)



Ordering Info

Part Number	Description
	HBJC420P891-4125P Series
L01AS050-F	Adapter 12V/3.3A 40W
Change according to shipping area	Power cord
LCSCHBJC3XX-F	Barebone Screw Pack
HCS310MWM01B-2F	VESA mount / Black color
HNSCOMWFAWCM251HA	Mini PCIe ac WiFi card (WiFi only)
J05-ANT-GX57245-F	Antenna2G4/5G 2.8dBi (WiFi only)