

HBJC420U11 SERIES

Fanless Embedded System

Intel® Gemini Lake-R Processor, support DDR4 2400MHz up to 8GB

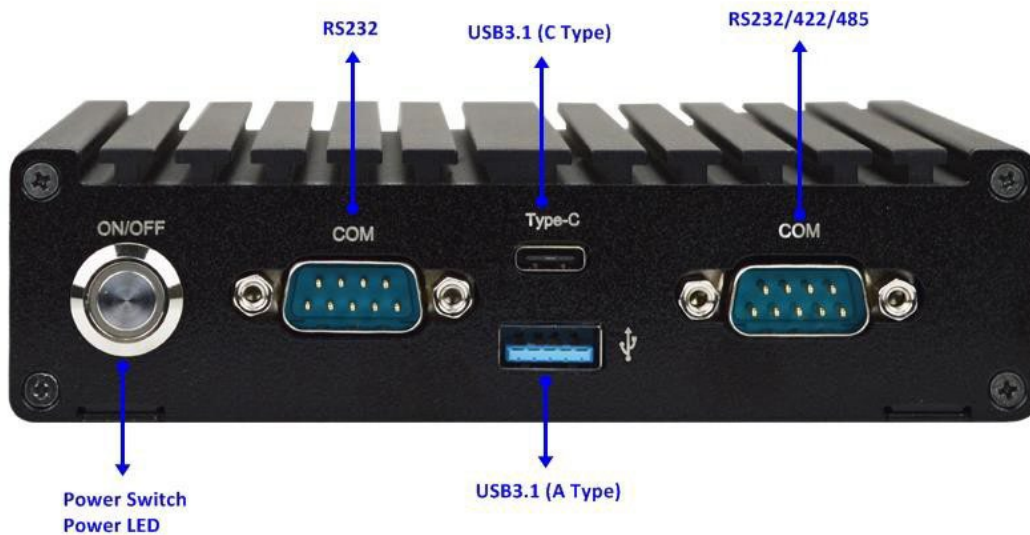
Features

1. Intel® Gemini Lake-R J4125 Soc Processor
2. 1* DDR4 2400MHz SO-DIMM up to 8GB
3. 1* M.2-2242 slot (M-key), 1* M.2-2230 slot (E-key)
4. 2* HDMI, 1* DP
5. 2* GbE, 3* USB 3.1(A-Type), 1* USB3.1(C-Type), 2* COM, 1* Audio
6. DC12V/40W Adapter

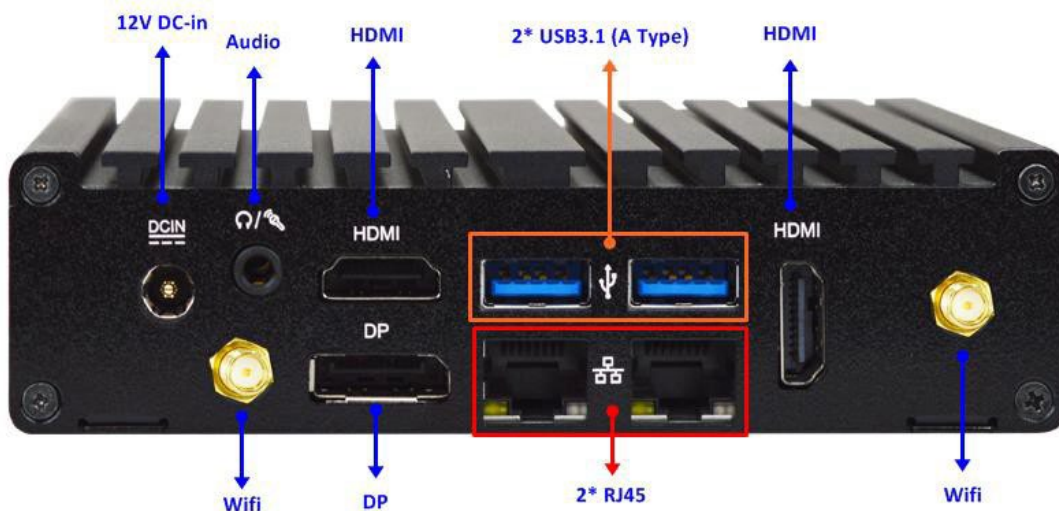


intel. FC CE RoHS COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBJC420U11-4125B (non-WIFI)
- HBJC420U11I-4125B (WIFI)

BIOS

AMI Flash ROM

Network

2* Realtek RTL8119I GbE

Storage

- 1* SATAIII (6 Gb/s)
- 1* M.2 M-key (2242 W/ SATA interface)

Rear Panel I/O

- 2* RJ45
- 2* USB3.1 (A Type)
- 2* HDMI
- 1* DP
- 1* Audio combo
- 1* DC-in Jack

Internal Connector

1* 32GB eMMC onboard option

Compliance

CE, FCC, LVD, RoHS, ErP Ready

Temperature

- Operating Temperature: -20 ~ 50° C (Under the condition of using M.2 interface SSD)
- Operating Temperature: 0 ~ 50° C (Under the condition of using 2.5" SATA HDD) (The test environment is closed and windless)
- Storage Temperature: -20 ~ 80° C
- Humidity: Between 40% and 60%, non-condensing

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® Gemini Lake J4125 2.0GHz Quad Core MCP processor (10W)

Memory

1* DDR4 2400MHz up to 8GB

Graphics

- Intel® HD Graphics, shared memory
- 1* DP (Max Resolution: 4096x2304@60Hz)
- 2* HDMI 2.0 (Max Resolution: 4096x2160@60Hz)
- Support Triple Displays

Expansion

M.2 E-Key (2230, CNVi/PCIe/USB2.0)

Front Panel I/O

- 1* Power button/LED
- 1* USB 3.1(A Type)
- 1* USB 3.1(C Type)
- 2* COM

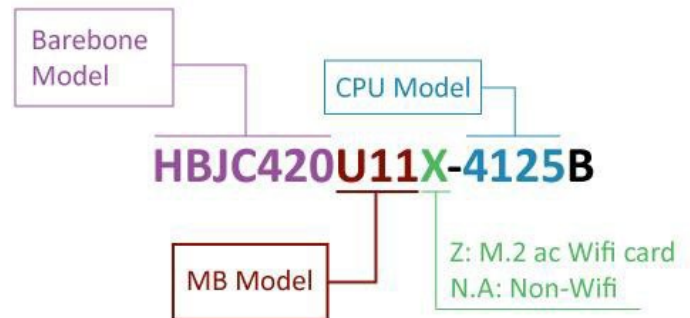
Power Source

- MU11 MB : DC12V input
- Adapter : AC 90~240V input / DC12V-40W output

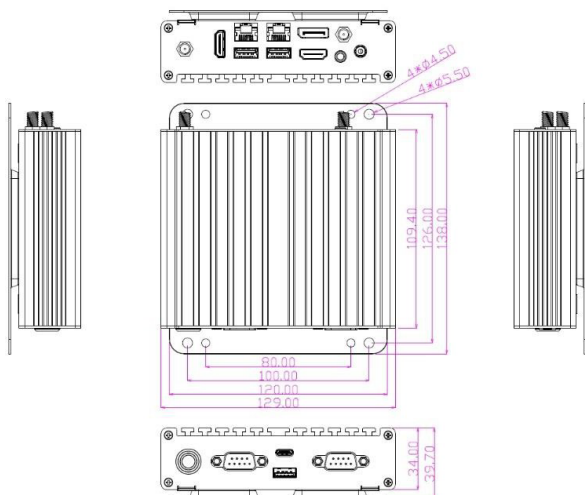
Dimensions

- 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

HBJC420U11-4125B	HBJC420U11 series Barebone, Intel Gemini Lake-R J4125 CPU
HBJC420U11I-4125B	HBJC420U11 series Barebone, Intel Gemini Lake-R J4125 CPU, Wifi function
L01AS050-F	Adapter DC12V_40W
Change according to shipping area	Power cord
LCSCHBJC3XX-F	Screw pack
HCS310MWM01B-1F	VESA mount
J05-ANT-GX57245-F	Antenna2G4/5G 2.8dBi (WiFi model only)