



HBFD835-5205-B

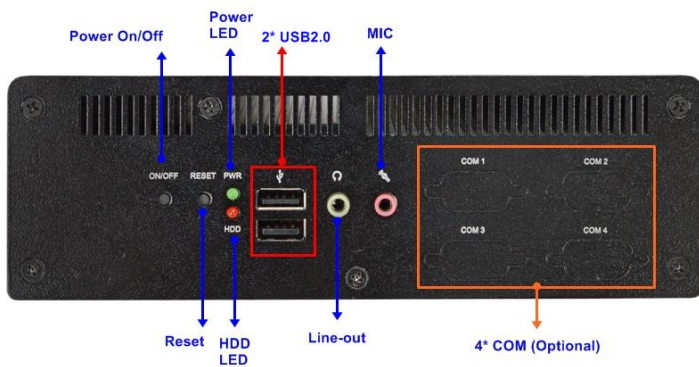
Intel® Comet Lake-U 5205U SoC Processor, support 4K resolution

1. Intel® Comet Lake-U 5205U SoC Processor
2. 2* SO-DIMM DDR4-2400MHz up to 32GB
3. 2* USB2.0, 4* USB3.1, 1* HDMI, 1* DP, 2* RJ45
4. Support Max. 4K display resolution
5. DC-12V_60W Adapter

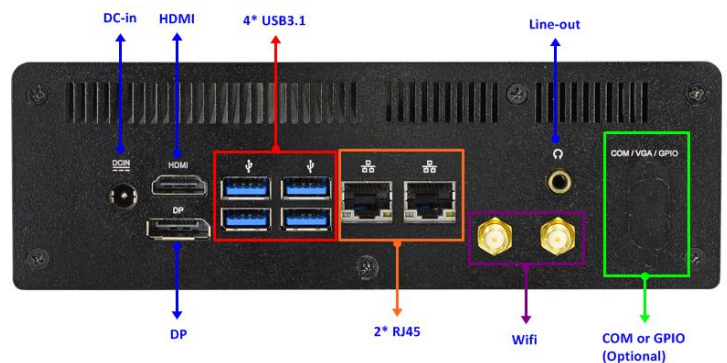


External I/O

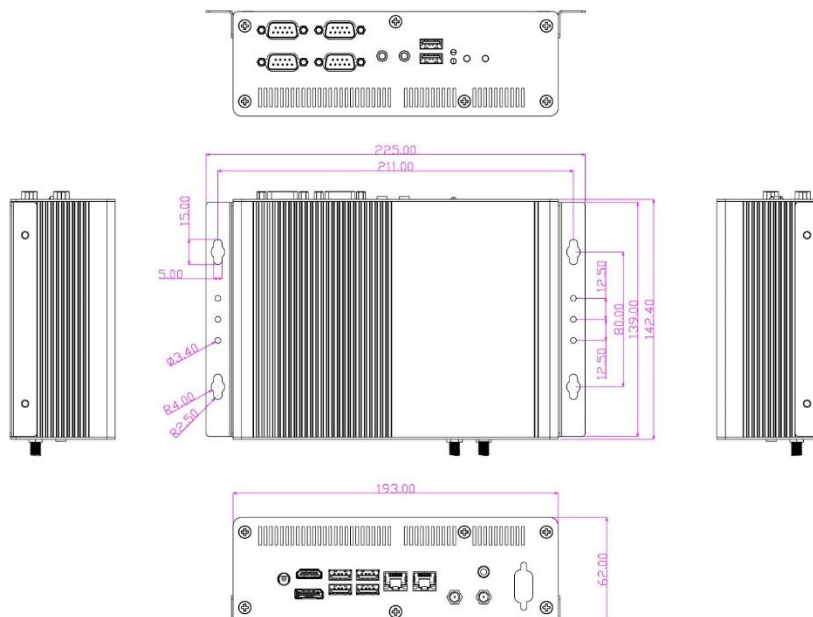
Front



Rear



Mechanical Drawings (Unit = mm)



Specifications

M/B Model

- JNF835B-5205U

BIOS

AMI Flash ROM

Memory

Support 2 * SO-DIMM slots DDR4-2400MHz up to 32GB

Network

- 2 * Intel® GbE (1* i219LM, 1* i211AT)
- 1 * M.2 E-key (2230) Support CNVi (for WiFi expansion)

Rear Panel I/O

- 4 * USB 3.1
- 1 * HDMI 1.4 (Max. resolution:4096 x 2160@30Hz)
- 1 * DP (Max. resolution:4096 x 2304@60Hz)
- 2 * RJ45
- 1 * Line-out
- 1 * COM or GPIO (Optional)
- 2 * Antenna holes (Optional)
- 1 * DC-in

Compliance

CE, FCC, LVD, RoHS

Temperature

- Operating Temperature: -20 ~ 60° 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 ~ 70° C
- Humidity: Between 40% and 60%, non-condensing

Dimensions

193 (W) x 142.4 (D) x 62 (H) mm

Packing

- Net Weight: 2.2KG
- Gross Weight: 3.2KG
- Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm

OS Support

Windows 10, Linux

Warranty

2 Years limited warranty

Part No

Non-WiFi

- HBDF835-5205-B

M.2 ac WiFi card

- HBDF835I-5205-B

CPU/Chipset

Intel® Comet Lake-U 5205U SoC Processor (TDP 15W)

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

Storage

- 1 * 2.5" SATAIII 6Gb/s internal drive bay
- 1 * M.2 M-key (2242/2260/2280) Support SATA interface

Expansion

N/A

Front Panel I/O

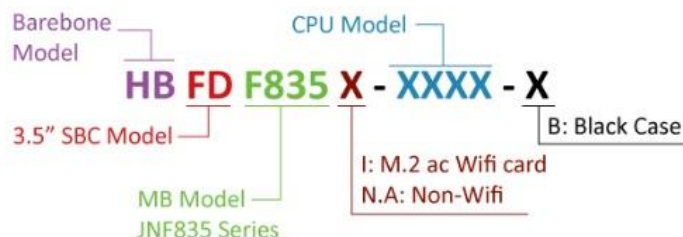
- 1 * Power button, 1 * Reset button
- 1 * Power LED, 1 * HDD LED
- 2 * USB 2.0
- 1 * Line-out, 1 * MIC-in
- 4 * COM (Optional)

Power Source

- DC Adapter / AC 90~240V input /DC12V-5A-60W
- M/B: DC 9~24V input

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

Part Number Rules



Accessories

Parts Number	Description	Parts Number	Description
-----	HBDF835-5205-B	HCSFDMWM01B-F	FD Series Wall mount
L01AS053-F	Adapter 12V-5A-60W	HCS3XXDINRAILPS-F	DIN RAIL Clip
-----	Power cord	J05-ANT-GX57245-F	Antenna (WiFi only)
LCSCBFDXXX-F	HBFX_Series Barebone Screw Pack	HNSCOMWFAC9260-1F	M.2 ac WiFi card (WiFi series only)