



# HBFDF835-8X65-F Series

Intel® Whiskey Lake-U SoC Processor, support Type-C USB and 4K resolution

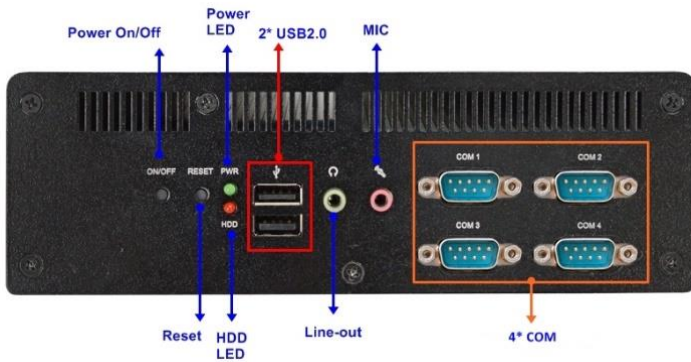
1. Intel® Whiskey Lake-U SoC Processor
2. 2\* SO-DIMM DDR4-2400MHz up to 64GB
3. 2\* USB2.0, 4\* USB3.1, 1\* USB Type-C, 1\* HDMI, 1\* DP, 2\* RJ45
4. Support Max. 4K display resolution
5. DC-12V\_60W Adapter



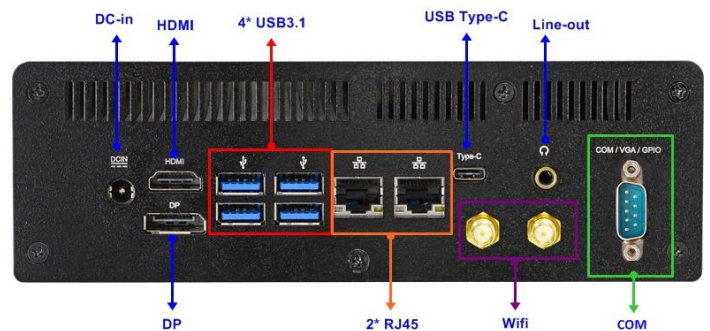
## External I/O



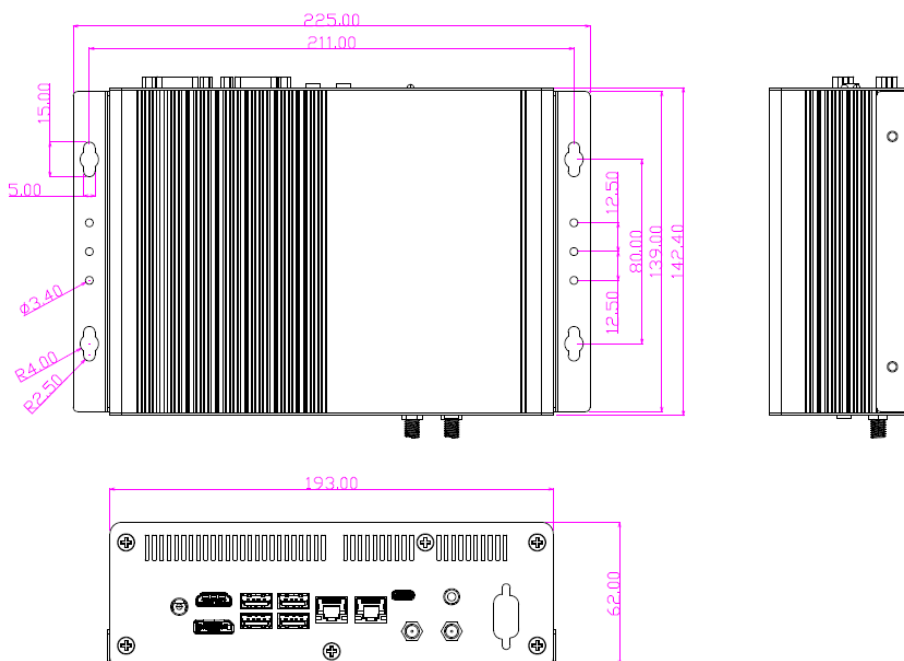
### Front



### Rear



## Mechanical Drawings (Unit = mm)



## Specifications

### M/B Model

- JNF835F-8365U (Default) (3.5" SBC)
- JNF835F-8265U (3.5" SBC)

### BIOS

AMI Flash ROM

### Memory

Support 2 \* SO-DIMM slots DDR4-2400MHz up to 64GB

### 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 \* USB 3.1(Gen2) Type C (USB data transfer only)
- 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
- 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

- HBFDF835-8265-F
- HBFDF835-8365-F (Default)

#### M.2 ac WiFi card

- HBFDF835I-8265-F
- HBFDF835I-8365-F

### CPU/Chipset

Intel® Whiskey Lake-U 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" SATA3 6Gb/s internal drive bay
- 1 \* M.2 M-key (2242/2260/2280) Support PCIe4(NVMe) & SATA interface

### Expansion

N/A

### Front Panel I/O

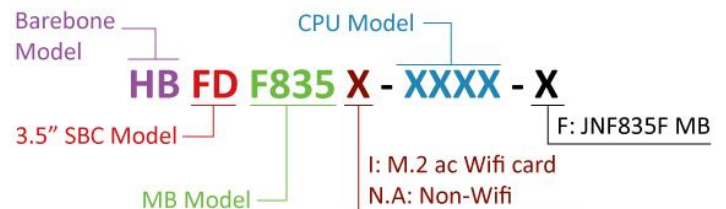
- 1 \* Power button, 1 \* Reset button
- 1 \* Power LED, 1 \* HDD LED
- 2 \* USB 2.0
- 1 \* Line-out, 1 \* MIC-in
- 4 \* COM

### 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
-----	HBFD835-8X65-F Series	HCSFDMWM01B-F	FD Series Wall mount
L01AS053-F	Adapter 12V-5A-60W	HCS3XXDINRAILPS-F	DIN RAIL Clip
Change according to shipping area	Power cord	J05-ANT-GX57245-F	Antenna (WiFi only)
LCSCBFDXXX-F	HBFX_Series Barebone Screw Pack	HNSCOMWFCB375NF-F	M.2 ac WiFi card (WiFi series only)