



HBFDF835 Series

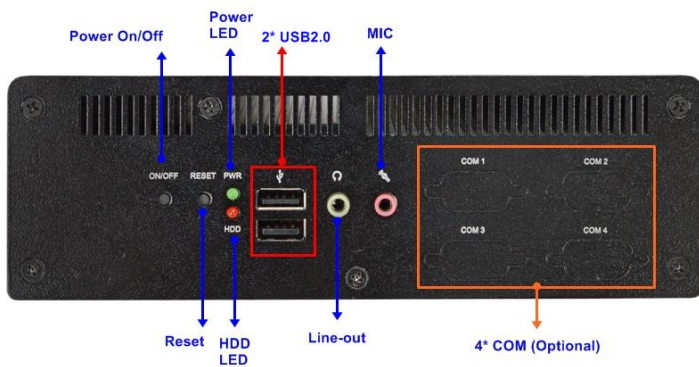
Intel® Whiskey Lake-U SoC Processor, support Type-C USB and 4K resolution

1. Intel® Whiskey Lake-U SoC Processor
2. 2* SO-DIMM DDR4-2400MHz up to 32GB
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 FSP Adapter

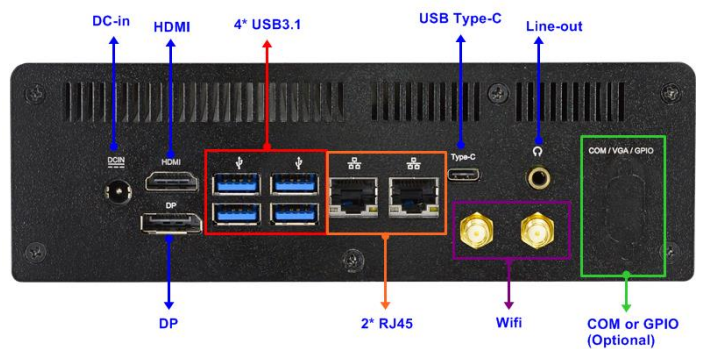


External I/O

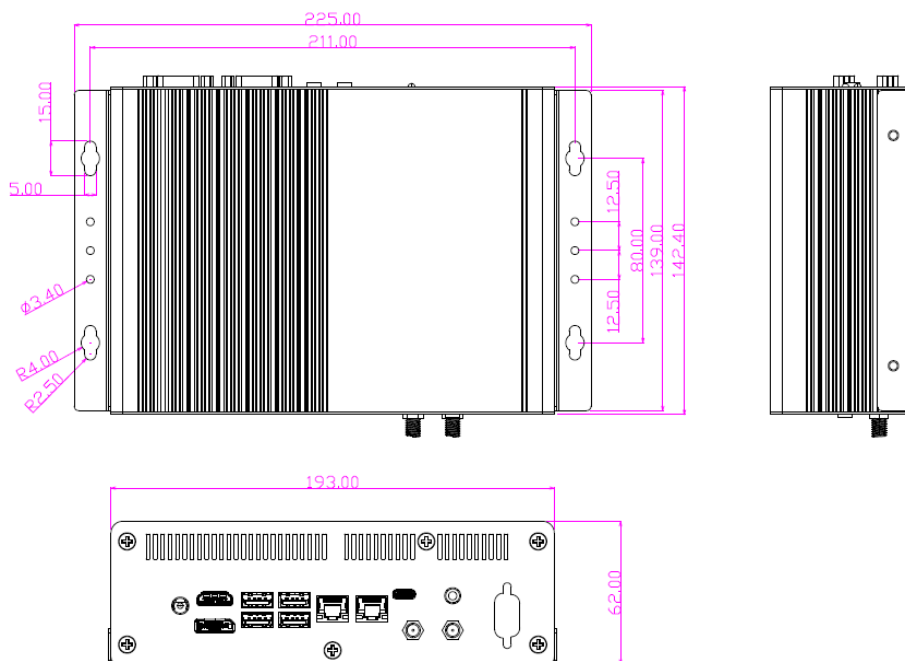
Front



Rear



Mechanical Drawings (Unit = mm)



Specifications

| | | |
|---|--|--|
| M/B Model <ul style="list-style-type: none"> JNF835B-8365U (Default) (3.5" SBC) JNF835B-8265U (3.5" SBC) | Part No | |
| BIOS AMI Flash ROM | Non-Wifi <ul style="list-style-type: none"> HBDF835-8265-B HBDF835-8365-B (Default) | M.2 ac WiFi card <ul style="list-style-type: none"> HBDF835I-8265-B HBDF835I-8365-B |
| Memory Support 2 * SO-DIMM slots DDR4-2400MHz up to 32GB | 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. | |
| Network <ul style="list-style-type: none"> 2 * Intel® GbE (1* i219LM, 1* i211AT) 1 * M.2 E-key (2230) Support CNVi (for WiFi expansion) | Storage <ul style="list-style-type: none"> 1 * 2.5" SATA3 6Gb/s internal drive bay 1 * M.2 M-key (2242/2260/2280) Support PCIe4(NVMe) & SATA interface | |
| Rear Panel I/O <ul style="list-style-type: none"> 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 or GPIO (Optional) 2 * Antenna holes (Optional) 1 * DC-in | Expansion N/A | |
| Compliance CE, FCC, LVD, RoHS | Front Panel I/O <ul style="list-style-type: none"> 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) | |
| Temperature <ul style="list-style-type: none"> 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 | Power Source <ul style="list-style-type: none"> DC Adapter / AC 90~240V input /DC12V-5A-60W M/B: DC 9~24V input | |
| Dimensions 193 (W) x 142.4 (D) x 62 (H) mm | <p>* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.</p> | |
| Packing <ul style="list-style-type: none"> Net Weight: 2.2KG Gross Weight: 3.2KG Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm | Part Number Rules | |
| OS Support Windows 10, Linux | | |
| Warranty 2 Years limited warranty | | |

Accessories

| Parts Number | Description | Parts Number | Description |
|--------------|---------------------------------|-------------------|-------------------------------------|
| ----- | HBDF835 Series | 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) |