

HBDF94 Series

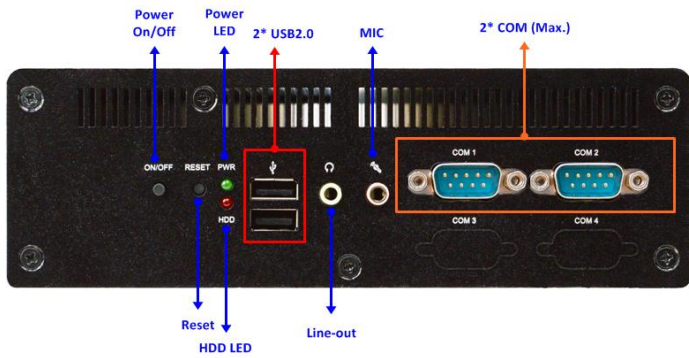
Intel® Apollo Lake SoC processor, DDR3L up to 8GB, 1* HDMI, 9~36V DC-in

1. Intel® Apollo Lake SoC Processor (Default: J3455)
2. Support 1 * SO-DIMM DDR3L-1866MHz up to 8GB
3. All-aluminum body, produced by casting process
4. 9~36V DC-in

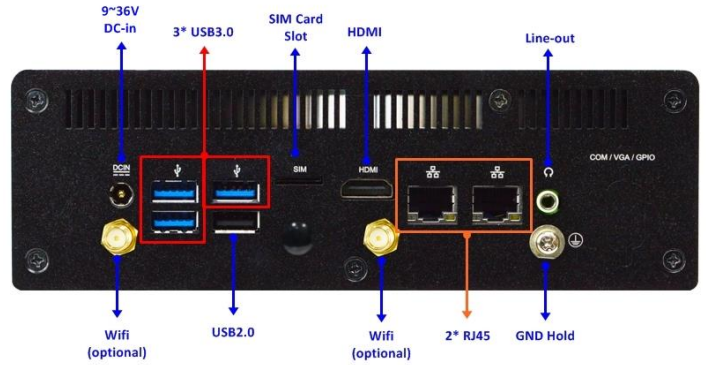


External I/O

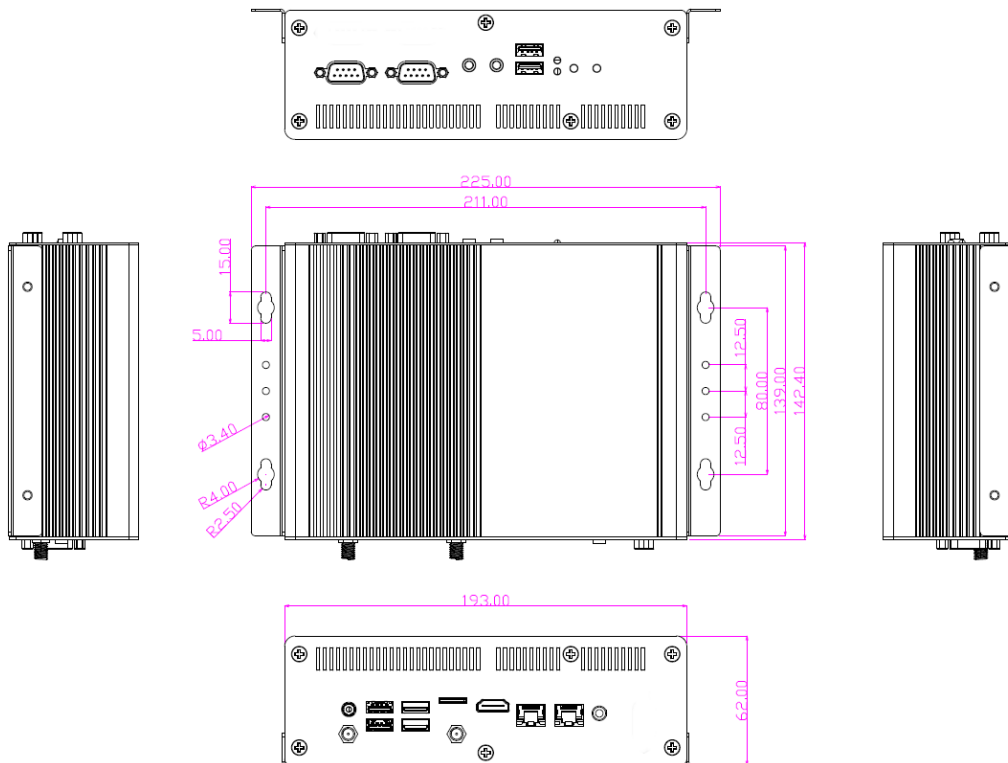
Front



Rear



Mechanical Drawings (Unit = mm)



Specifications

M/B Model MF94-00 (J3455 CPU_10W, Default) MF94-90 (E3940 CPU_9.5W)	Part No <ul style="list-style-type: none"> • HBFDF94-00B (Default) • HBFDF94W-00B (Mini PCIe ac WiFi) • HBFDF94-90B • HBFDF94W-90B (Mini PCIe ac WiFi)
BIOS AMI Flash ROM	CPU/Chipset Intel® Apollo Lake SoC Processor (Default: J3455, TDP 10W)
Memory 1* SO-DIMM slots DDR3L-1866MHz up to 8GB	Network 2* Intel® GbE (I211-AT)
Storage <ul style="list-style-type: none"> • 1* M.2 M-key 2242 slot for SSD • 1* 2.5" Drive 	Expansion <ul style="list-style-type: none"> • 1* Full size Mini PCIe slot (USB2.0/PCIex1) • 1* M.2 B-key 3042 slot (USB3.0/PCIex1)
Rear Panel I/O <ul style="list-style-type: none"> • 2* RJ45 • 1* HDMI (Max Resolution: 3840x2160@ 30Hz) • 1* SIM Card slot • 1* Line out (Realtek® ALC662VD) • 1* DC-in (9~36V) • 1* USB2.0 • 3* USB3.1 (Gen1) 	Front Panel I/O <ul style="list-style-type: none"> • 1* Power SW, 1* Reset • 1* Power LED, 1* HDD LED • 1* MIC • 1* Line-out • 2* COM (COM1 support RS485) • 2* USB2.0
Compliance CE, FCC, LVD, RoHS, ErP Ready	Power Source <ul style="list-style-type: none"> • Adapter / AC 90~240V input / DC12V-5A-60W • MB: support 9~36V DC-in
Temperature <ul style="list-style-type: none"> • Operating Temperature: HBFDF94-00B/ HBFDF94W-00B: 0 ~ 50° C HBFDF94-90B/ HBFDF94W-90B: -40 ~ 70° C • Storage Temperature: -20 ~ 85° C • Humidity: 10% ~ 90% RH @40°C (non-condensing) 	Dimensions 193 (W) x 142.4 (D) x 62 (H) mm
OS Support Windows 10, Linux	Warranty 2 Years limited warranty
Packing <ul style="list-style-type: none"> • Net Weight: 2.2KG • Gross Weight: 3.5KG • Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm 	

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

Accessories

Parts Number	Description	Parts Number	Description
-----	HBFD94 Series	LCSCBJC3XX-F	Screw Pack
L01AS053-F	Adapter 12V-5A-60W Lockable	HCS3XXDINRAILPS-F	DIN RAIL Kits
Change according to shipping area	Power cord	HCSFDMWM01B-F	WALL MOUNT
		J05-AN2450-74S01-F	Antenna 2G4/5G AN2450-74S01BRS (WIFI only)