

Intel® Kaby Lake-U Processor, Support two DDR4 2133MHz up to 32GB

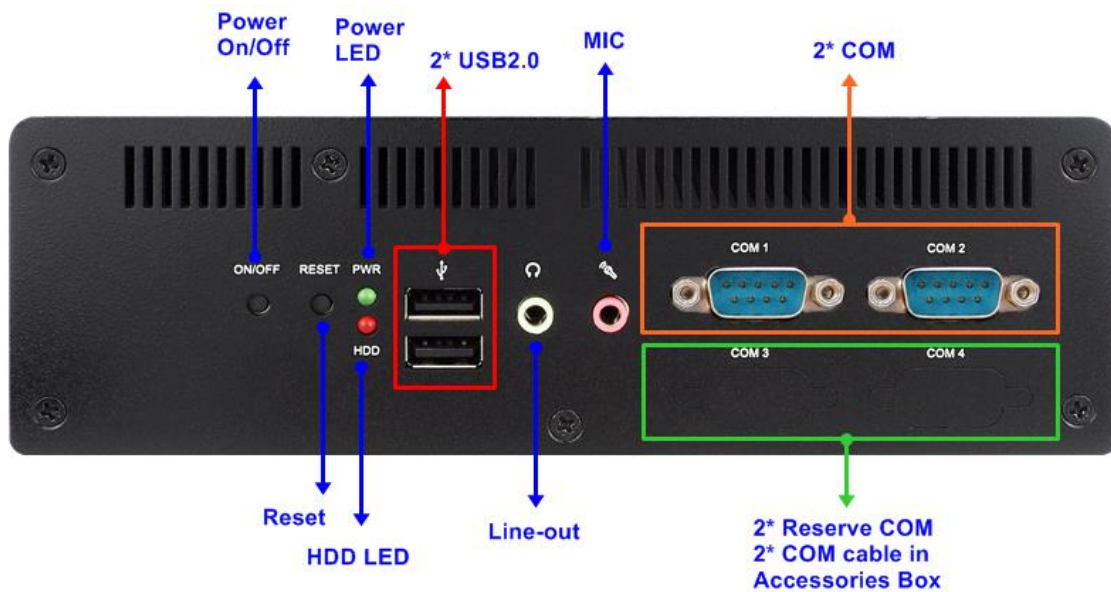
Features

1. Intel® Kaby Lake-U Processor
2. Support 2* SO-DIMM DDR4-2133, up to 32GB memory
3. 1* Full size Mini-PCIe shared with mSATA, 1* Half size Mini-PCIe, 1* mSATA shared with Full size Mini-PCIe
4. 4* USB2.0, 4* USB3.0, 1* HDMI, 1* DP, 2* RJ45, 4* COM (Max), 1* MIC-in, 2* Line-out
5. DC-12V_60W Adapter

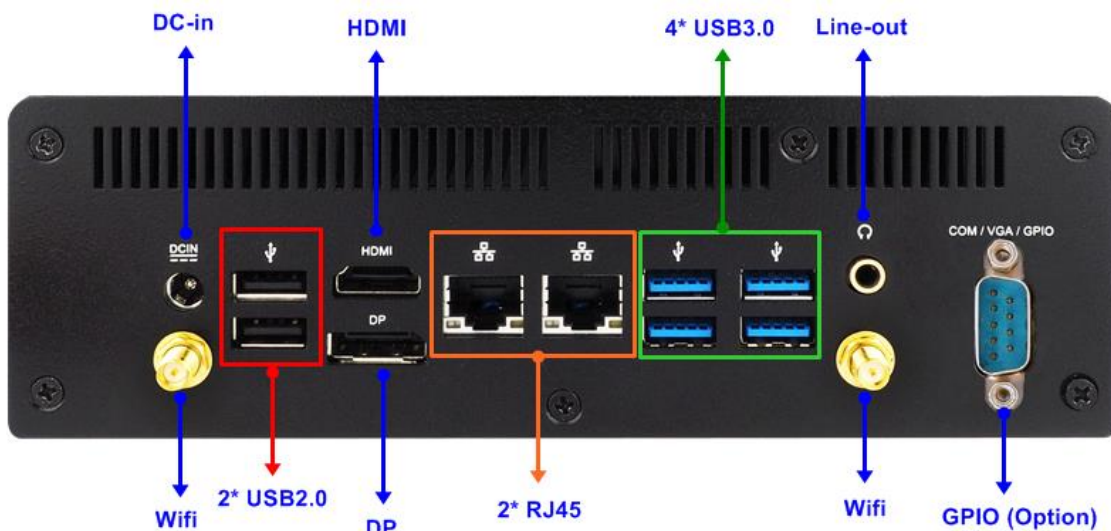


intel. FC CE RoHS COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBFDF632-7300-N
- HBFDF632Z-7300-N

BIOS

AMI Flash ROM

Network

- 1* Intel® i219LM GbE
- 1* Intel® i211AT GbE

Storage

- 1* mSATA (shared with full size Mini-PCIe)
- 1* 2.5" SATAIII Device (support 2.5" HDD with a height ≤ 10mm)

Rear Panel I/O

- 2* USB 2.0
- 4* USB 3.0
- 2* RJ45
- 1* HDMI
- 1* DP
- 1* Line-out
- 1* GPIO (optional)
- 2* Antenna holes (optional)
- 1* DC-in Jack

Internal Connector

- Onboard TPM2.0 (option)

Compliance

CE, FCC, LVD Ready

Temperature

- Operating Temperature: -20 ~ 50° C (Under the condition of using mSATA or SSD)
- Operating Temperature: 0 ~ 50° C (Under the condition of using 2.5" SATA HDD)
(The test environment is closed and windless)
- Storage Temperature: -40 ~ 85° C
- Humidity : 10% ~ 95% RH @40°C (non-condensing)

OS Support

Win10, 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® Kaby Lake-U Processor (TDP 15W)

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

Memory

2* DDR4 2133MHz SO-DIMM up to 32GB

Graphics

- Intel® HD Graphics, shared memory
- 1* DP 1.2 (Max Resolution: 4096x2304@60Hz)
- 1* HDMI 1.4 (Max Resolution: 4096x2160@24Hz)
- Support Dual Displays

Expansion

- 1* Mini-PCIe half size (for WiFi expansion)
- 1* Mini-PCIe full size (shared with mSATA)

Front Panel I/O

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

Power Source

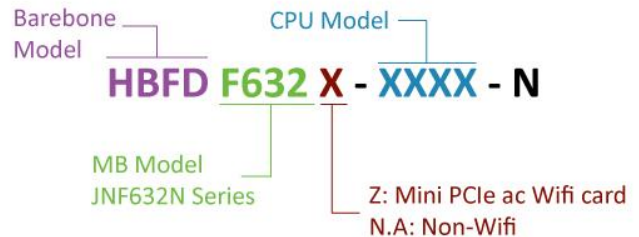
- MB : DC-in 9~24V
- Adapter : AC_90~240V / DC_12V_5A / 60W

Dimensions

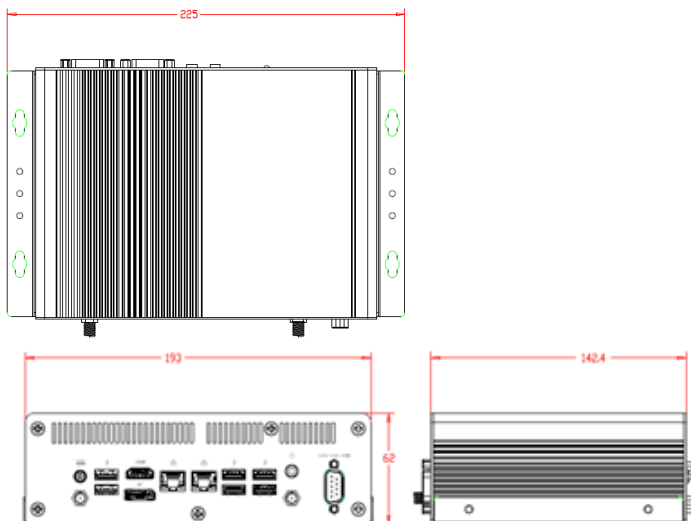
System: 193 (W) x 142.4 (D) x 62 (H) mm

Box: 250 (W) x 118 (D) x 295 (H) mm

Part Number Rules



Mechanical Drawings (Unit=mm)



Ordering Info

Part Number	Description
	HBFD632-7300-N Series
L01AS053-F	Adapter 12V/60W
Change according to shipping area	Power cord
LCSCHBFDXXX-F	HBFX_Series Barebone Screw Pack
HCSFDMWM01B-F	FD Series Wall mount
HCS3XXDINRAILPS-F	DIN RAIL Clip
G01-COM-H2M20-1F	COM Cable
J05-ANT-GX57245-F	Antenna2G4/5G 2.8dBi GX572450001SM (WiFi only)