

HBDF731-39X5-V Series

4 LAN Ports Fanless Network Appliance with Intel Skylake/Kaby Lake U-Series SoC Processor

Features

1. Intel® Skylake/KabyLake U-Series SoC Processor, Default: 3955U
2. 1* 260-pin Dual-channel DDR4 2133MHz SODIMM Up to 16 GB
3. 4* Ethernet Ports
4. 1* Full size Mini-SATA Socket (SATA + USB Signal)
5. 2* Mini PCIe Slots (1* full size, 1* half size)
6. 1* SIM card holder
7. Supports on board TPM2.0 (option)
8. 1* RS232 Console, 2* USB3.0, 2* USB2.0

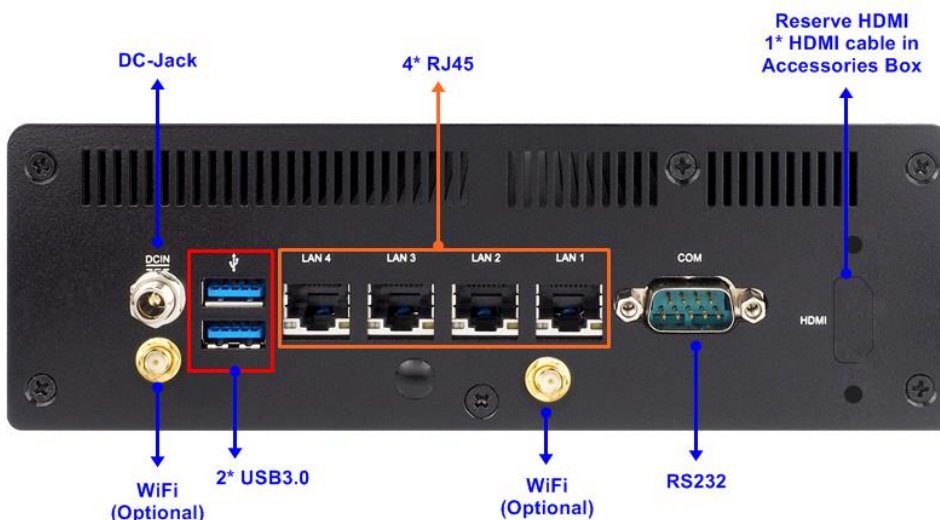


intel. FC CE RoHS COMPLIANT

Front I/O



Rear I/O



Specifications

Model

Non-WiFi

- HBFDF731-3955-V (Default)
- HBFDF731-3965-V

Mini PCIe ac WiFi card

- HBFDF731Z-3955-V
- HBFDF731Z-3965-V

BIOS

AMI Flash ROM

Network

- 1* Intel® i219LM GbE
- 3* Intel® i225V 2.5GbE

Storage

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

Rear Panel I/O

- 4 * RJ45 (3 * i225V + 1 * i219LM)
- 2 * USB3.0
- 1 * HDMI (Reserve, Max. resolution:4096 x 2304@24Hz)
- 1 * RS232
- 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

32/64 bit versions of Windows 7, Windows 8.1, Windows 10, 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® Skylake/Kabylake U-Series SoC Processor

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

Memory

1* SO-DIMM DDR4-2133MHz up to 16GB

Graphics

- Intel® HD Graphics, shared memory
 - 1* HDMI (Reserve, Max. resolution:4096 x 2304@24Hz)
- Support Single Display

Expansion

- 1* half size Mini PCIe slot (for WiFi expansion)
- 1* full size Mini PCIe slot with 1 * SIM card holder

Front Panel I/O

- 1 * Power button, 1 * Reset button
- 1 * Power LED, 1 * HDD LED
- 2 * USB2.0
- 4 * NIC LED
- 1 * COM & 1 * GPIO (option)

Power Source

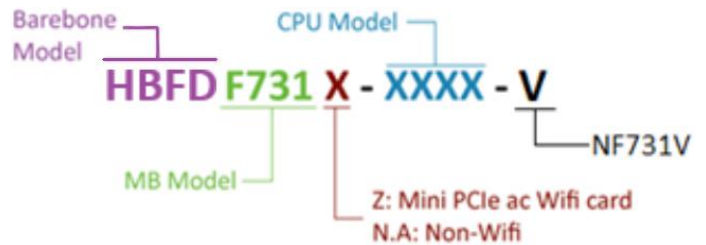
- MB : DC-in 12V
- Adapter : AC_90~240V / DC_12V_5A / 60W

Dimensions

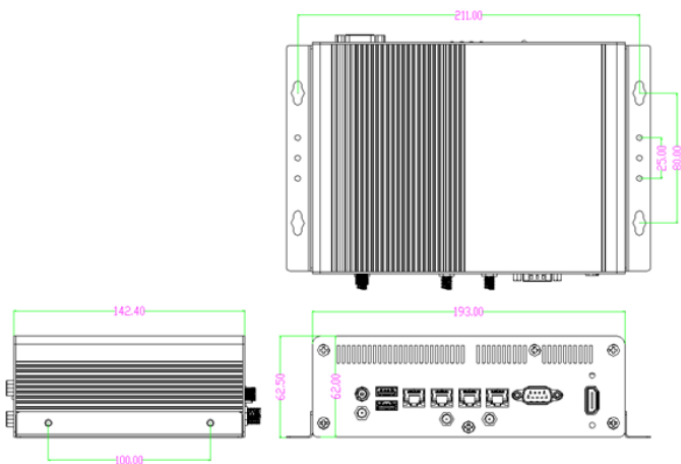
System: 193 (W) x 142.4 (D) x 62 (H) mm

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

Part Number Rules



Mechanical Drawings (Unit=mm)



Ordering Info

Part Number	Description
	HBFD731-39X5-V Series
L01AS052-F	Lockable Adapter 12V/60W
Change according to shipping area	Power cord
LCSCHBFDXXX-F	HBFX_Series Barebone Screw Pack
HCSFDMWM01B-F	FD Series Wall mount
J05-ANT-GX57245-F	Antenna 2G4/5G 2.8dBi GX572450001SM (WiFi model only)
G01-COM-H2M20-1F	COM Cable
G01-2X10A-HDMI-1F	HDMI Cable