

Intel® Elkhart Lake SoC Processor, DDR4 3200MHz up to 32GB

Features

1. Intel Elkhart Lake SoC Processor
2. 1* DDR4 3200MHz SO-DIMM up to 32GB
3. 1* HDMI, 2* USB3.1, 1* USB-C, 2* RJ45, 1* COM
4. Support 9~36V wide voltage input
5. DC12V_40W Adapter

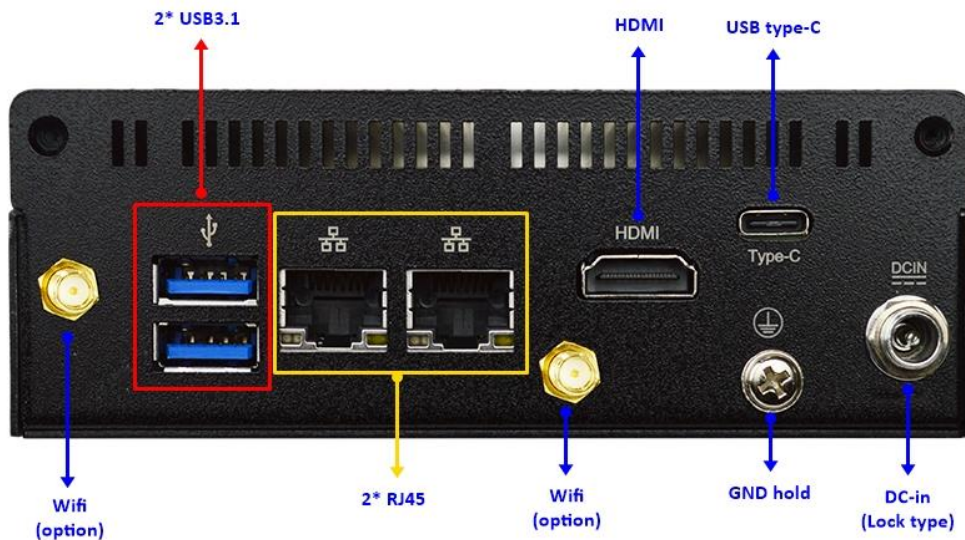


intel. FC CE RoHS
COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBFBP01-6210-B
- HBFBP01I-6210-B (WiFi model)
- HBFBP01-6210-E
- HBFBP01I-6210-E (WiFi model)

BIOS

AMI Flash ROM

Network

2* Realtek 8119i GbE

Storage

- 1* M.2 M-key (2242, PCIe Gen.3 x2/SATA interface) support NVMe
- 64GB eMMC onboard (option)

Rear Panel I/O

- 2* RJ45
- 1* DC-in
- 1* HDMI
- 2* USB3.1(Gen.2) A Type
- 1* USB3.1(Gen.2) C Type

Internal Connector

- 1* GPIO
- 2* USB2.0

Compliance

CE, FCC, LVD, RoHS, ErP Ready

Temperature

- Operating Temperature: -20 ~ 60° C
(Under the condition of using M.2 interface SSD)
- Storage Temperature: -40 ~ 85° C
- Humidity: 10% ~ 95% RH @40°C (non-condensing)

OS Support

Windows 11, 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® Elkhart Lake SoC Processor

Memory

1* DDR4 3200MHz Dual Channel SO-DIMM up to 32GB

Graphics

- Intel® HD Graphics, shared memory
- 1* HDMI 2.0 (Max Resolution: 4096x2160@60Hz)

Expansion

1* M.2 E-key (2230, PCIe Gen.3 x1/USB2.0 interface)

Front Panel I/O

- 1* Power button + Power LED
- 1* RS232/422/485

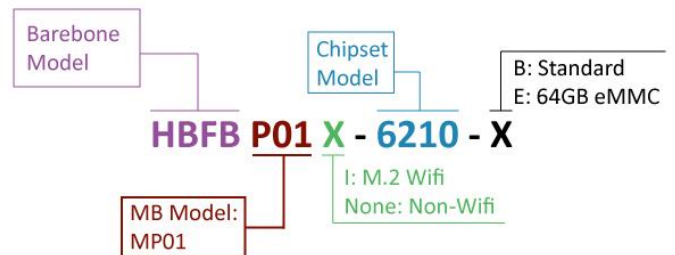
Power Source

- Adapter : AC 90~240V input / DC12V_40W output / Lock type
- System : DC9~36V input support

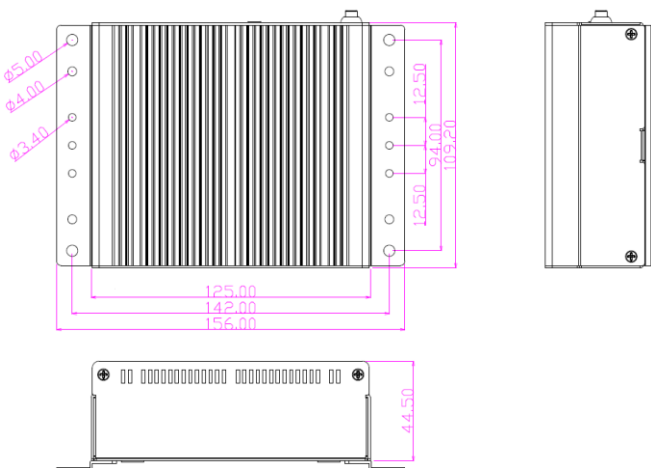
Dimensions

- System: 125 (W) x 109 (D) x 44.5 (H) mm
- Color Box : 158 (W) x 167 (D) x 123.6 (H) mm

Part Number Rules



Mechanical Drawings (Unit=mm)



Standard Accessories

Part Number	Description
HBFBP01 Series	HBFBP01 series Barebone, Intel N6210 express chipset CPU
HCSFBMWM01B-F	FB Wall mount
L01AS051-F	Adapter DC12V_40W, Lock type
Change according to shipping area	Power cord
LCSCBJC3XX-F	JBC3XX Barebone Screw Pack
J05-ANT-GX57245-F	Antenna 2G4/5G 2.8dBi GX572450001SM (Wifi model only)