

HBJC330U10 Series

Fanless Embedded System

Intel® Tiger Lake-UP3 Processor, Support DDR4 3200MHz up to 64GB

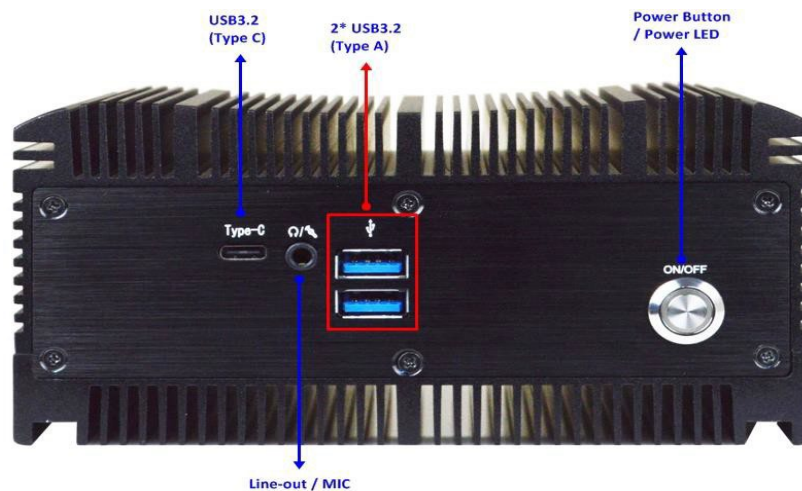
Features

1. Intel® Tiger Lake-UP3 SoC Processor (TDP 15W)
2. 2* DDR4 3200MHz SO-DIMM up to 64GB
3. 1* Intel i219-LM GbE, 1* Intel i225-V 2.5GbE
4. 1* M.2 M-key 2242/2280 support NVMe, 1* M.2 E- key 2230 Support CNVi, 1* M.2 B-key 3042/3052
5. 2* HDMI, 2* DP1.4 (from USB3.2 (Gen.2) Type-C)
6. Support Fanless cooling design

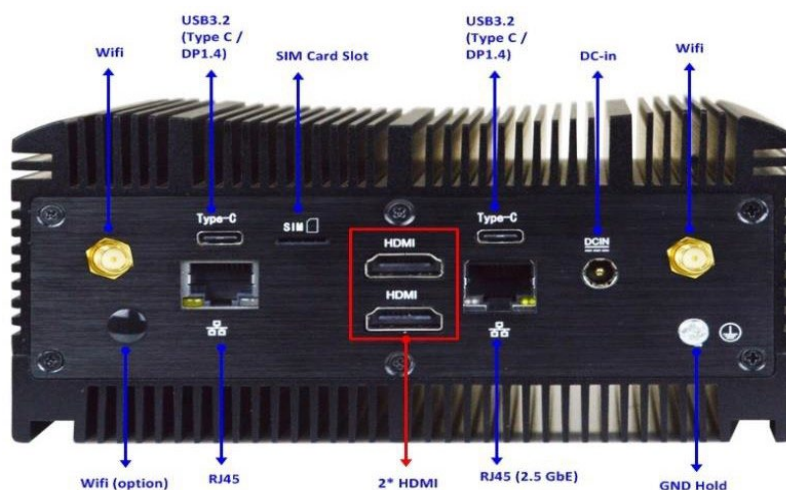


intel. FC CE RoHS COMPLIANT

Front I/O



Rear I/O



Specifications

Model

- HBJC330U10-1135G7 (non-WiFi)
- HBJC330U10I-1135G7 (M.2 ac WiFi card)
- HBJC330U10-1145G7 (non-WiFi)
- HBJC330U10I-1145G7 (M.2 ac WiFi card)

BIOS

- AMI SMT Flash ROM

Network

- 1* Intel i219-LM GbE
- 1* Intel i225-V 2.5GbE
- M.2 E-key 2230 (USB2.0/PClex1 interface) support CNVi
- M.2 B-key 3042/3052 (USB3.1/USB2.0/PClex1 interface)

Storage

- 1* M.2 M-key 2242/2280 (PCIe4.0 x4/SATAIII interface) support NVMe

Rear Panel I/O

- 2* USB3.2 / C Type (Support DP1.4)
- 1* SIM Card slot
- 2* HDMI
- 2* RJ45
- 1* DC Jack

Internal Connector

- 1* RS232

Compliance

- CE, FCC, LVD, RoHS, ErP Ready (Option)

Temperature

- Operating Temperature: -10 ~ 50° C
- Storage Temperature: -20 ~ 60° C

OS Support

- 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® Tiger Lake-UP3 Processor (TDP 15W), Default: 1145G7E

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

Memory

- 2* DDR4-3200 Dual Channel SO-DIMM up to 64GB

Graphics

- Intel® HD Graphics, shared memory
- 2* HDMI 2.0b (Max Resolution: 4096x2160@60Hz)
- 2* DP1.4 (Max Resolution: 4096x2304@60Hz) from USB Type-C
- Support Four independent 4K HDR or 1* 8K Displays

Expansion

- 2 * Mini PCIe (full-size, for WiFi & CAN BUS expansion)
- 1 * Mini PCIe slot (only USB signal, full-size, for 4G LTE + GPS expansion)

Front Panel I/O

- 1* Audio Jack (Line out +MIC)
- 2* USB3.2 / A Type
- 1* USB3.2 / C Type
- 1* Power Button + Led

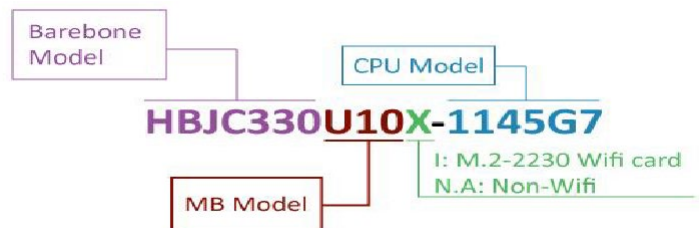
Power Source

- MU10 MB : DC 9~24V input
- Adapter : DC12V_7.5A_90W

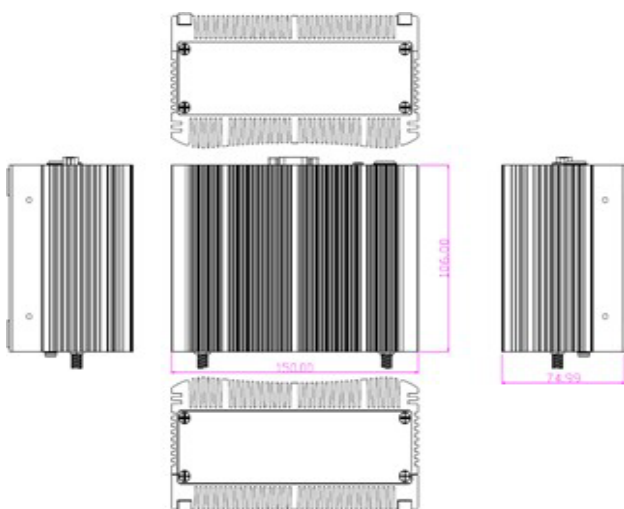
Dimensions

- System: 150.0 (W) x 109.2 (D) x 75.0 (H) mm

Part Number Rules



Mechanical Drawings (Unit=mm)



Ordering Info

Part Number	Description
HBJC330U10 Series	Intel® Tiger Lake-UP3 Processor (TDP 15W), Default: 1145G7E
L01AS064-F	Adapter 12V/7.5A 90W
Change according to shipping area	Power cord
HNSCOMWFAC9260-1F	M.2 ac WiFi card (WiFi series only)
J05-ANT-GX57245-F	L- Antenna2G4/5G
HCS330XXX1B-F	JC330_Wall mount