

# HBJC330U10 Series

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

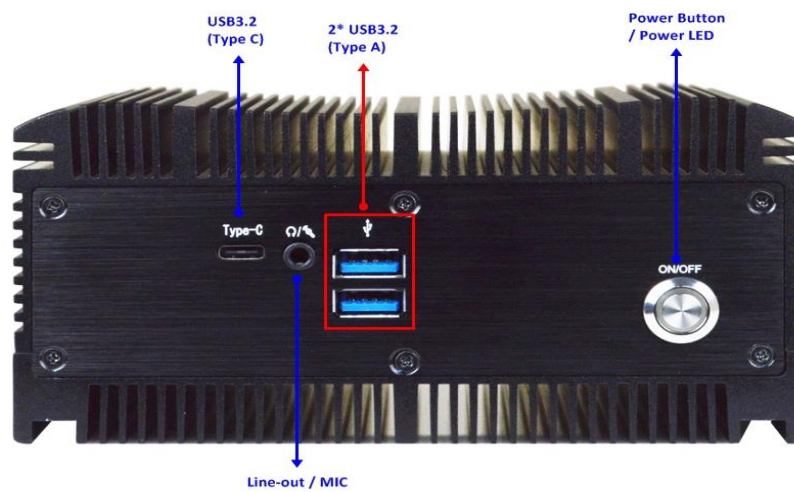
## Features

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

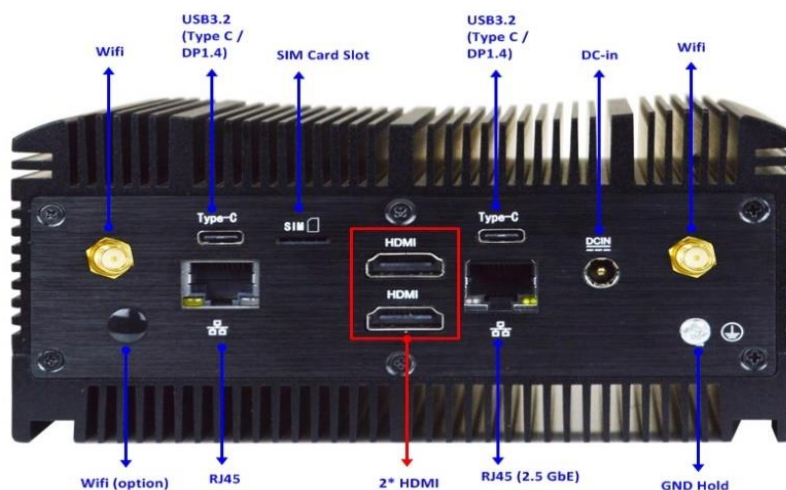


intel. FC CE RoHS COMPLIANT

## Front I/O



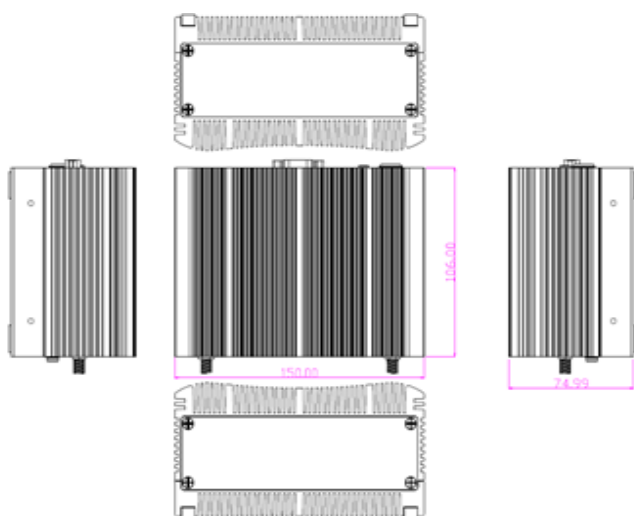
## Rear I/O



## Specifications

<b>Model</b> <ul style="list-style-type: none"> <li>• HBJC330U10-1135G7 (non-WIFI)</li> <li>• HBJC330U10I-1135G7 (M.2 ac WiFi card)</li> <li>• HBJC330U10-1145G7 (non-WIFI)</li> <li>• HBJC330U10I-1145G7 (M.2 ac WiFi card)</li> </ul>	<b>CPU / Chipset</b> <ul style="list-style-type: none"> <li>• Intel® Tiger Lake-UP3 Processor (TDP 15W), Default: 1145G7E</li> </ul> <p><i>*Notes: When the system runs, CPU will automatically adjust its working clock frequency according to changing workload.</i></p>
<b>BIOS</b> <ul style="list-style-type: none"> <li>• AMI SMT Flash ROM</li> </ul>	<b>Memory</b> <ul style="list-style-type: none"> <li>• 2* DDR4-3200 Dual Channel SO-DIMM up to 64GB</li> </ul>
<b>Network</b> <ul style="list-style-type: none"> <li>• 1* Intel i219-LM GbE</li> <li>• 1* Intel i225-V 2.5GbE</li> <li>• M.2 E-key 2230 (USB2.0/PClex1 interface) support CNVi</li> <li>• M.2 B-key 3042/3052 (USB3.1/USB2.0/PClex1 interface)</li> </ul>	<b>Graphics</b> <ul style="list-style-type: none"> <li>• Intel® HD Graphics, shared memory</li> <li>• 2* HDMI 2.0b (Max Resolution: 4096x2160@60Hz)</li> <li>• 2* DP1.4 (Max Resolution: 4096x2304@60Hz) from USB Type-C</li> <li>• Support Four independent 4K HDR or 1* 8K Displays</li> </ul>
<b>Storage</b> <ul style="list-style-type: none"> <li>• 1* SATAIII (6Gb/s)</li> <li>• 1* M.2 M-key 2242/2280 (PCIe4.0 x4/SATAIII interface) support NVMe</li> </ul>	<b>Expansion</b> <ul style="list-style-type: none"> <li>• 2 * Mini PCIe (full-size, for WiFi &amp; CAN BUS expansion)</li> <li>• 1 * Mini PCIe slot (only USB signal, full-size, for 4G LTE + GPS expansion)</li> </ul>
<b>Rear Panel I/O</b> <ul style="list-style-type: none"> <li>• 2* USB3.2 / C Type (Support DP1.4)</li> <li>• 1* SIM Card slot</li> <li>• 2* HDMI</li> <li>• 2* RJ45</li> <li>• 1* DC Jack</li> </ul>	<b>Front Panel I/O</b> <ul style="list-style-type: none"> <li>• 1* Audio Jack (Line out +MIC)</li> <li>• 2* USB3.2 / A Type</li> <li>• 1* USB3.2 / C Type</li> <li>• 1* Power Button + Led</li> </ul>
<b>Internal Connector</b> <ul style="list-style-type: none"> <li>• 1* RS232</li> </ul>	<b>Power Source</b> <ul style="list-style-type: none"> <li>• MU10 MB : DC 9~24V input</li> <li>• Adapter : DC12V_7.5A_90W</li> </ul>
<b>Compliance</b> <ul style="list-style-type: none"> <li>• CE, FCC, LVD, RoHS, ErP Ready (Option)</li> </ul>	<b>Dimensions</b> <ul style="list-style-type: none"> <li>• System: 150.0 (W) x 109.2 (D) x 75.0 (H) mm</li> <li>•</li> </ul>
<b>Temperature</b> <ul style="list-style-type: none"> <li>• Operating Temperature: -10 ~ 50° C</li> <li>• Storage Temperature: -20 ~ 60° C</li> </ul>	
<b>OS Support</b> <ul style="list-style-type: none"> <li>• Windows 10, Linux</li> </ul>	
<b>Warranty</b> <ul style="list-style-type: none"> <li>• 2 Years limited warranty</li> </ul> <p><i>*Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.</i></p>	<b>Part Number Rules</b>

## 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