

Intel® Gemini Lake-R Processor, support DDR4 2400MHz up to 8GB

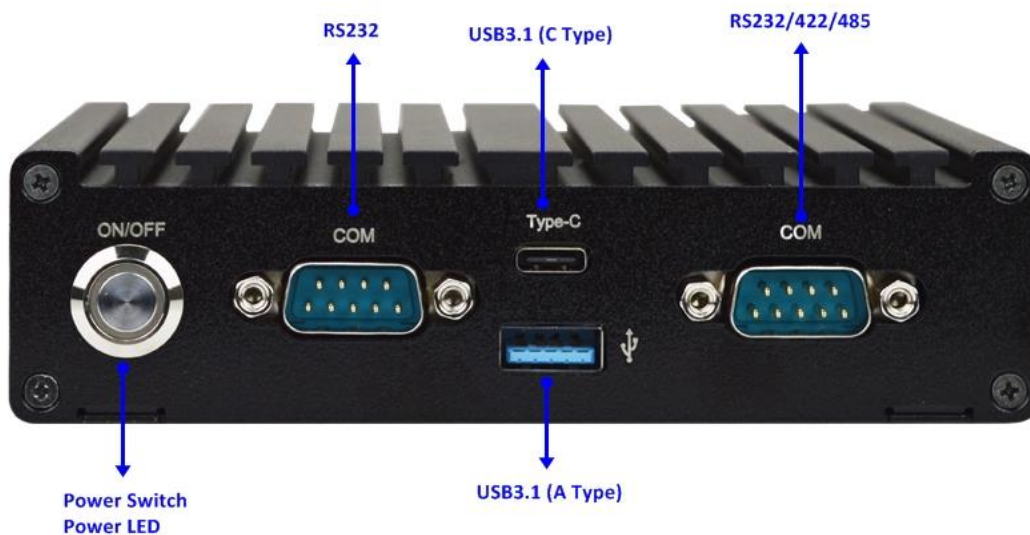
## Features

1. Intel® Gemini Lake-R J4125 Soc Processor
2. 1\* DDR4 2400MHz SO-DIMM up to 8GB
3. 1\* M.2-2242 slot (M-key), 1\* M.2-2230 slot (E-key)
4. 2\* HDMI, 1\* DP
5. 2\* GbE, 3\* USB 3.1(A-Type), 1\* USB3.1(C-Type), 2\* COM, 1\* Audio
6. DC12V/40W Adapter

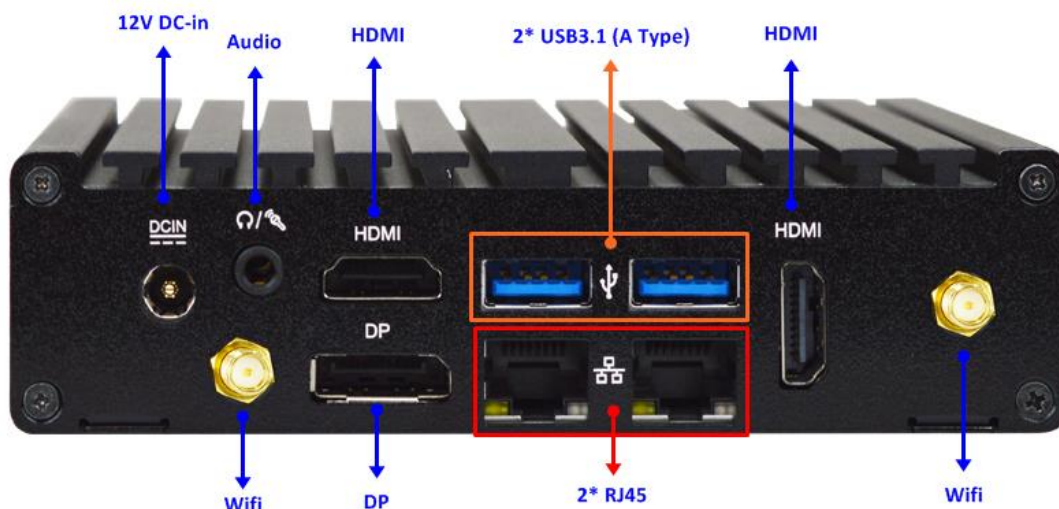


intel. FC CE RoHS  
COMPLIANT

## Front I/O



## Rear I/O



## Specifications

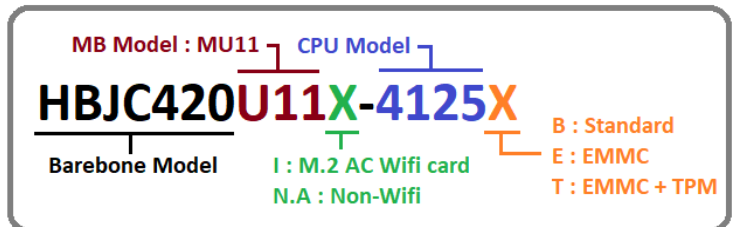
<b>Model</b> <ul style="list-style-type: none"> <li>• HBJC420U11-4125B &amp; HBJC420U11I-4125B (WIFI)</li> <li>• HBJC420U11-4125E (EMMC) &amp; HBJC420U11I-4125E (WIFI/EMMC)</li> <li>• HBJC420U11-4125T (EMMC/TPM) &amp; HBJC420U11I-4125T (WIFI/EMMC/TPM)</li> </ul>	<b>CPU / Chipset</b> <p>Intel® Gemini Lake J4125 2.0GHz Quad Core MCP processor (10W)</p>
<b>BIOS</b> <p>AMI Flash ROM</p>	<b>Memory</b> <p>1* DDR4 2400MHz up to 8GB</p>
<b>Network</b> <p>2* Realtek RTL8119I GbE</p>	<b>Graphics</b> <ul style="list-style-type: none"> <li>• Intel® HD Graphics, shared memory</li> <li>• 1* DP (Max Resolution: 4096x2304@60Hz)</li> <li>• 2* HDMI 2.0 (Max Resolution: 4096x2160@60Hz)</li> <li>• Support Triple Displays</li> </ul>
<b>Storage</b> <ul style="list-style-type: none"> <li>• 1* M.2 M-key (2242 W/ SATA interface)</li> </ul>	<b>Expansion</b> <p>M.2 E-Key (2230, CNVi/PCIe/USB2.0)</p>
<b>Rear Panel I/O</b> <ul style="list-style-type: none"> <li>• 2* RJ45</li> <li>• 2* USB3.1 (A Type)</li> <li>• 2* HDMI</li> <li>• 1* DP</li> <li>• 1* Audio combo</li> <li>• 1* DC-in Jack</li> </ul>	<b>Front Panel I/O</b> <ul style="list-style-type: none"> <li>• 1* Power button/LED</li> <li>• 1* USB 3.1(A Type)</li> <li>• 1* USB 3.1(C Type)</li> <li>• 2* COM</li> </ul>
<b>Internal Connector</b> <p>1* 32GB eMMC onboard option TPM onboard option</p>	<b>Power Source</b> <ul style="list-style-type: none"> <li>• MU11 MB : DC12V input</li> <li>• Adapter : AC 90~240V input / DC12V-40W output</li> </ul>
<b>Compliance</b> <p>CE, FCC, LVD, RoHS, ErP Ready</p>	<b>Dimensions</b> <ul style="list-style-type: none"> <li>• System: 129 (W) x 109.4 (D) x 34 (H) mm</li> <li>• Box: 158 (W) x 167 (D) x 123.6 (H) mm</li> </ul>

<b>Temperature</b> <ul style="list-style-type: none"> <li>• Operating Temperature: -20 ~ 50° C (Under the condition of using M.2 interface SSD)(The test environment is closed and windless)</li> <li>• Storage Temperature: -20 ~ 80° C</li> <li>• Humidity: Between 10% and 90%, @40° C (non-condensing)</li> </ul>
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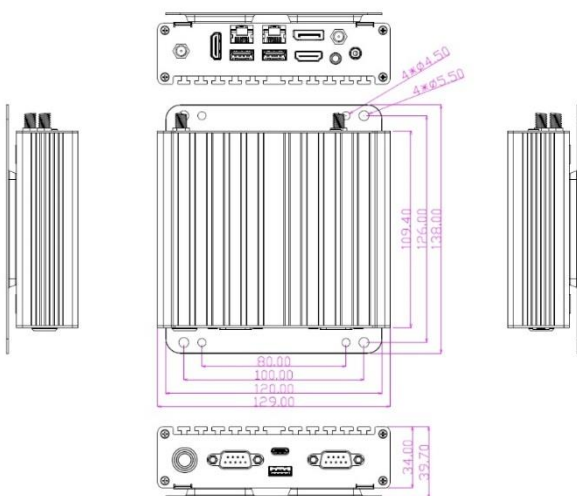
<b>OS Support</b> <p>Windows 10 &amp; 11 , Linux</p>
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<b>Warranty</b> <p>2 Years limited warranty</p> <p>* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.</p>
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## Part Number Rules



## Mechanical Drawings (Unit=mm)



## Standard Accessories

Part Number	Description
HBJC420U11 SERIEIES	HBJC420U11 series Barebone, Intel Gemini Lake-R J4125 CPU
L01AS050-F	Adapter DC12V_40W
Change according to shipping area	Power cord
LCSCHBJC3XX-F	Screw pack
HCS310MWM01B-1F	VESA mount
J05-ANT-GX57245-F	Antenna2G4/5G 2.8dBi (WiFi model only)