



# JBC142F697(W)-Q170B

Intel® Skylake /Kabylake CPU, DDR4 up to 32GB, support max 4K display resolution.



1. Intel® Skylake /Kabylake Processor (Max. TDP 65W)
2. Support DDR4-2133, 2 \* SO-DIMM slot, up to 32GB memory
3. 2 \* USB2.0, 4 \* USB3.0, 2 \* COM, 1 \* HDMI, 2 \* DP, 2 \* RJ45, 1 \* MIC, 1 \* Line out, 1 \* Line in, 4 \* COM (Option)
4. M/B Form Factor : Mini ITX (170x170mm)

## External I/O

### Rear



### Front



## Specifications

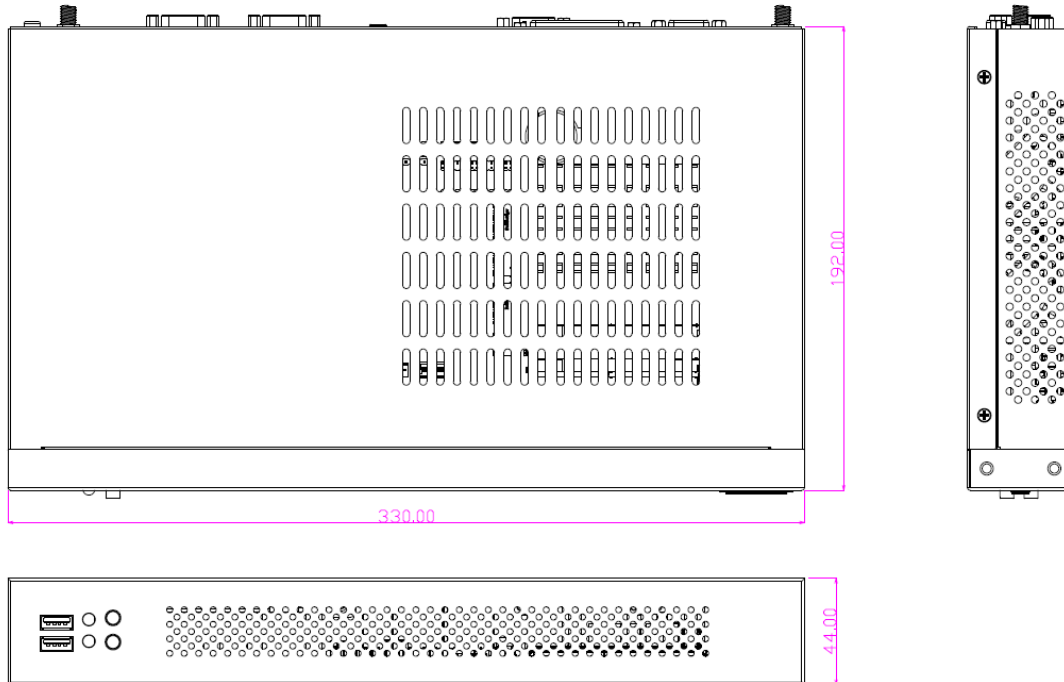
<b>MB Model</b>	JNF697-Q170 / Mini ITX
<b>Part No</b>	<ul style="list-style-type: none"> <li>● HBJC142F697-Q170B (non-WIFI)</li> <li>● HBJC142F697W-Q170B (WIFI)</li> </ul>
<b>BIOS</b>	AMI 16MB SMT Flash ROM
<b>CPU/Chipset</b>	<ul style="list-style-type: none"> <li>● Intel® LGA1151 Skylake /Kabylake Processor (Max. TDP 65W)</li> <li>● Intel® Q170 Express Chipset</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>● 2 * SO-DIMM slots DDR4-2133 up to 32GB</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>● 2 * 2.5" SATA3 6Gb/s internal drive bay</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>● 2 * Intel® GbE (i211AT * 1 &amp; i219LM * 1)</li> <li>● 1 * Full-size Mini-PCIE slot ( 802.11 b/g/n + BT 4.0 installed in WIFI model / Optional )</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>● 4 * USB 3.0 ports</li> <li>● 1 * HDMI</li> <li>● 2 * DP</li> <li>● 2 * RJ45</li> <li>● 1 * Line-in , 1 * Line-out, 1 * Mic-in (Realtek ALC662VD)</li> <li>● 2 * COM ( RS232/422/485 ) , 4 * COM ( RS232 / Optional )</li> <li>● 2 * Antenna holes (WiFi model only)</li> <li>● 19V DC-In jack</li> </ul>
<b>Front Panel I/O</b>	<ul style="list-style-type: none"> <li>● 1 * Power button , 1 * Reset button</li> <li>● 1 * Power LED , 1 * HDD LED</li> <li>● 2 * USB 2.0 ports</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>● 1 * SIM Card</li> </ul>
<b>Option</b>	<ul style="list-style-type: none"> <li>● TPM 1.2 / TPM 2.0</li> </ul>
<b>Power Source</b>	<ul style="list-style-type: none"> <li>● FSP DC Adapter / DC19V-6.3A-120W / LV6</li> <li>● AC 90~240V input</li> </ul>
<b>Compliance</b>	CE, FCC, LVD, RoHS
<b>Safety</b>	Vibration test: N.C Shock test: N.C
<b>Temperature</b>	Operating Temperature: 0~50 °C Storage Temperature: -10-70 °C
<b>Dimensions</b>	330 (W) x 192 (D) x 44 (H) mm
<b>Packing</b>	<ul style="list-style-type: none"> <li>● Net Weight: 2.0KG</li> <li>● Gross Weight: 3.2KG</li> <li>● Color Box dimension: 406 (W) * 359 (D) * 148 (H) mm</li> </ul>
<b>OS Support</b>	32/64 bit versions of Windows 7, Windows 8.1, Windows 10, Linux
<b>Warranty</b>	1 Year limited warranty

\*Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

## Part Number Rule



## Mechanical Drawings (Unit = mm)



## Optional Accessories

Parts Number	Description
-----	JBC142F697(W)-XXXXB
G03-NF697-F	IPC NF697 M/B User's Manual
G02-DVD22-A13-WF	Driver DVD-ROM
L01AS037-F	Adapter 19V/120W/6.3A / FSP120-DIBAN2 / LEVEL6
-----	Power cord
LCSCHJC3XX-F	Screw Pack
J05-ANT-AN2400-F	Antenna2G4 -2dBi R-AN2400-5701RS (WiFi model only)
F07-FN959528-F	CPU Cooler
G01-COM-H2M20-1F	COM cable