



339.00 EUR  
incl. 19% VAT, plus [shipping](#)

The JETWAY HBJC420U691 Series adopts the Intel® Apollo Lake SoC processor. The board has one 204-pin DDR3L 1866MHz SODIMM up to 8GB memory. JNU691 Series equipped with 2 \* HDMI and 1 \* VGA for IoT applications. Intel® Apollo Lake SoC processor support AES NI which is a new hardware encryption instructions to improves on the AES algorithm and accelerates the encryption of data. JNU691 also support TPM feature to secure customers' data.

In addition, it offers 4 \* USB3.0 ports which can connect different peripherals, e.g. camera and sensor. It is flexible expansion via Mini PCIe slot, SIM card holder, and one RS232 port. An internal Mini-SATA slot provide storage selection. In addition, HBJC420U691 size is 129 \* 109.4 \* 34 mm and is a SubCompact, powerful and energy efficient NUC form factor fanless box system with reliable performance.

- Intel® Apollo Lake N3350/J3455 SoC Processor
- 1\* 204-pin DDR3L 1866MHz SODIMM Up to 8 GB
- 2\* 10/100/1000 Base-TX Ethernet Ports
- Support Intel AES NI and TPM2.0 to secure customers' data
- 4\* Ext USB3.0, 1\* Line-Out/MIC, 2\* HDMI, 1\* VGA
- 1\* full size mSATA, 1\* half size Mini PCIe Slot, 1\* SIM card holder
- 12V DC-in power

|             |                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MB Model    | <ul style="list-style-type: none"> <li>– JNU691-3350 (NUC)</li> <li>– JNU691-3455 (NUC)</li> </ul>                                                                                                    |
| Part No.    | <ul style="list-style-type: none"> <li>– HBJC420U691-335B / HBJC420U691-345B (non-WIFI)</li> <li>– HBJC420U691W-335B / HBJC420U691W-345B (WIFI)</li> </ul>                                            |
| BIOS        | – AMI Flash ROM                                                                                                                                                                                       |
| CPU/Chipset | <ul style="list-style-type: none"> <li>– Intel Apollo Lake N3350 Dual Core SoC Processor (up to 2.4GHz, 6W)</li> <li>– Intel Apollo Lake J3455 Quad Core SoC Processor (up to 2.3GHz, 10W)</li> </ul> |
| Memory      | – 1 * 204-pin SO-DIMM DDR3L-1866 (Max. 8GB)                                                                                                                                                           |
| Support TPM | – TPM 2.0 on board                                                                                                                                                                                    |
| Storage     | – 1 * Full-size mSATA/mini-PCI Express shared slot                                                                                                                                                    |
| Network     | <ul style="list-style-type: none"> <li>– 2 * Realtek RTL8111H GbE</li> <li>– 1 * Half-size mini-PCIE slot (for WIFI model)</li> <li>– 1 * SIM Card Slot</li> </ul>                                    |

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|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rear Panel I/O  | <ul style="list-style-type: none"> <li>– 2 * USB 3.0 ports</li> <li>– 2 * HDMI (max. 3840×2160@30Hz resolution)</li> <li>– 2 * RJ45</li> <li>– 1 * Audio (Line-out, Mic-in)</li> <li>– 2 * Antenna holes</li> <li>– 1 * DC-In jack</li> </ul> |
| Front Panel I/O | <ul style="list-style-type: none"> <li>– 1 * Power button + Power LED</li> <li>– 1 * COM(RS232/RS422/RS485)</li> <li>– 2 * USB 3.0 ports</li> <li>– 1 * VGA (max. 1920×1200@60Hz resolution)</li> </ul>                                       |
| Power Source    | <ul style="list-style-type: none"> <li>– AC-DC Adapter / DC12V-3.3A-40W</li> <li>– AC 90~240V input</li> </ul>                                                                                                                                |
| Compliance      | – CE, FCC, RoHS, ErP Ready                                                                                                                                                                                                                    |
| Temperature     | <ul style="list-style-type: none"> <li>– Operating Temperature: 0 ~ 50° C</li> <li>– Storage Temperature: -20 ~ 80° C</li> </ul>                                                                                                              |
| Dimensions      | – 129 (W) x 109.4 (D) x 34 (H) mm                                                                                                                                                                                                             |
| Packing         | <ul style="list-style-type: none"> <li>– Net Weight: 0.6KG</li> <li>– Gross Weight: 1.4KG</li> <li>– Color Box dimension: 158 (W) * 167 (D) * 123.6 (H) mm</li> </ul>                                                                         |
| OS Support      | – Windows 10, Linux                                                                                                                                                                                                                           |
| Warranty        | – 2 Year limited warranty                                                                                                                                                                                                                     |