

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



- Intel® Apollo Lake SoC Processor
- Support 1\* DDR3L 1866MHz SO-DIMM up to 8GB
- 1\* VGA, 2\* HDMI
- 4\* USB3.0, 1\* RS232/422/485, 2\* GbE, 1\* Audio
- 12V DC-in

|                |                                                                                                                                              |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| MB Model       | – JNU691B-3455                                                                                                                               |
| Part No.       | – HBFBU691-3455-B<br>– HBFBU691Z-3455-B (support Mini PCIe ac WiFi)                                                                          |
| BIOS           | – AMI UEFI                                                                                                                                   |
| CPU/Chipset    | – Intel® Apollo Lake J3455 SoC Processor (Quad Core, 1.50/2.30 GHz)                                                                          |
| Memory         | – Support 1 * DDR3L 1866MHz SO-DIMM up to 8GB                                                                                                |
| Network        | – 2 * RJ45 (Realtek RTL8111H GbE)<br>– Mini PCIe ac Wifi card (HBFBU691Z-3455-B only)                                                        |
| Storage        | – Support 1 * mSATA (full size) Device                                                                                                       |
| Expansion      | – 1 * half size Mini PCIe slot for WiFi module                                                                                               |
| Audio          | – HD Audio: Realtek ALC662VD                                                                                                                 |
| Rear Panel I/O | – 2 * USB 3.0<br>– 2 * HDMI (Max. resolution: 3840×2160@30Hz)<br>– 2 * GbE<br>– 1 * GND hold<br>– 1 * Line-out/MIC combo<br>– 1 * DC-in jack |

|                 |                                                                                                                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Front Panel I/O | <ul style="list-style-type: none"><li>– 1 * VGA (Max. resolution: 1920×1200@60Hz)</li><li>– 2 * USB 3.0</li><li>– 1 * COM (RS232/422/485)</li><li>– 1 * power button</li></ul>               |
| Power Source    | <ul style="list-style-type: none"><li>– Adapter : AC 90~240V / DC12V / 40W</li><li>– MB : 12V DC input</li></ul>                                                                             |
| Compliance      | <ul style="list-style-type: none"><li>– CE, FCC, RoHS, ErP</li></ul>                                                                                                                         |
| Temperature     | <ul style="list-style-type: none"><li>– Operating Temperature: 0 ~ 50° C with air flow (mSATA)</li><li>– Storage Temperature: -10 ~ 70° C</li><li>– Humidity : 90%, non-condensing</li></ul> |
| Dimensions      | <ul style="list-style-type: none"><li>– 124(W) x 109 (D) x 55 (H) mm</li></ul>                                                                                                               |