

319.00 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 - 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) - 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 - 2 * HDMI (Max. resolution: 3840x2160@30Hz) - 2 * GbE - 1 * GND hold - 1 * Line-out/MIC combo - 1 * DC-in jack

Front Panel I/O	<ul style="list-style-type: none"><li>- 1 * VGA (Max. resolution: 1920x1200@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>