

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

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|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |

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| Front Panel I/O | <ul style="list-style-type: none">- 1 * VGA (Max. resolution: 1920x1200@60Hz)- 2 * USB 3.0- 1 * COM (RS232/422/485)- 1 * power button |
| Power Source | <ul style="list-style-type: none">- Adapter : AC 90~240V / DC12V / 40W- MB : 12V DC input |
| Compliance | <ul style="list-style-type: none">- CE, FCC, RoHS, ErP |
| Temperature | <ul style="list-style-type: none">- Operating Temperature: 0 ~ 50° C with air flow (mSATA)- Storage Temperature: -10 ~ 70° C- Humidity : 90%, non-condensing |
| Dimensions | <ul style="list-style-type: none">- 124(W) x 109 (D) x 55 (H) mm |