



HBFBU691-3455-B Series

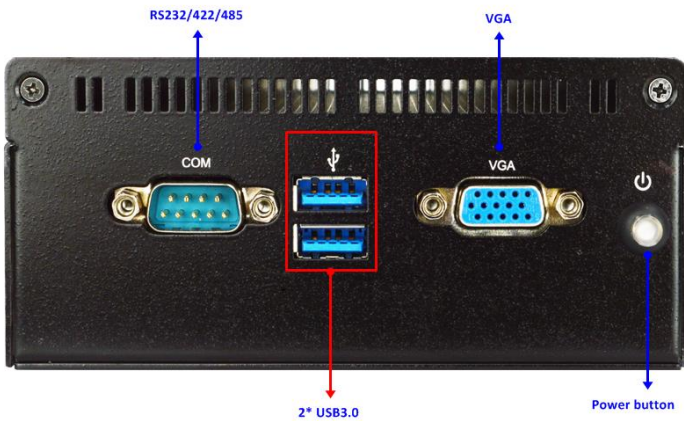
Intel® Apollo Lake J3455 SoC Processor, NUC form factor Motherboard Fanless System

- 1. Intel® Apollo Lake J3455 SoC Processor
- 2. Support 1* SO-DIMM DDR3L-1866MHz up to 8GB
- 3. 1* VGA, 2* HDMI
- 4. 4* USB3.0, 1* RS232/422/485, 2* GbE, 1*Audio
- 5. 12V DC-in

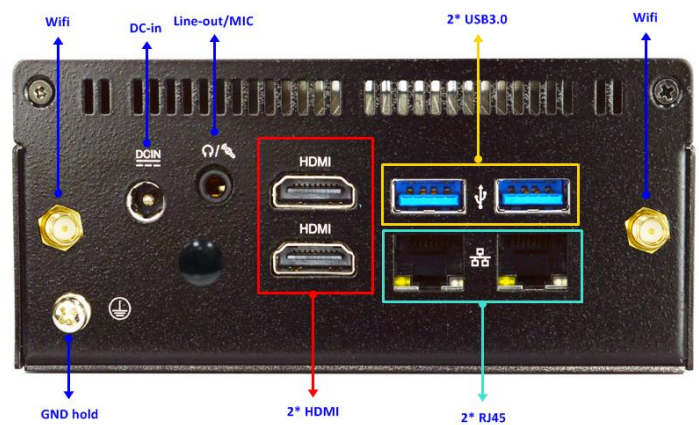


External I/O

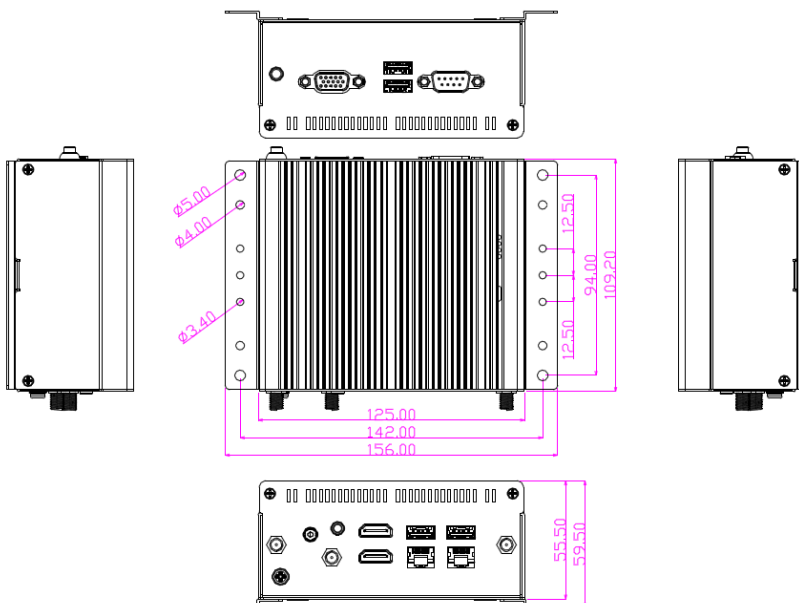
Front



Rear



Mechanical Drawings (Unit = mm)



Specifications

M/B Model JNU691B-3455	Part No <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 2 * 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
Rear Panel I/O <ul style="list-style-type: none"> • 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"> • 1 * VGA (Max. resolution: 1920x1200@60Hz) • 2 * USB 3.0 • 1 * COM (RS232/422/485) • 1 * power button
Compliance CE, FCC, RoHS, ErP	Power Source <ul style="list-style-type: none"> • Adapter: AC 90~240V / DC12V / 40W • M/B: 12V DC input
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 125 (W) x 109.2 (D) x 55.5 (H) mm
Audio HD Audio: Realtek ALC662VD * Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.	Warranty 2 Years limited warranty

Part Number Rules



Accessories

Parts Number	Description	Parts Number	Description
-----	HBFBU691-3455-B Series		
L01AS050-F	Adapter 12V/40W		Power cord
J05-ANT-GX57245-F	Antenna 2G4-2dBi R-AN2400-5701RS (WiFi only)	LCSCHBJC3XX-F	Screw Pack
		HNSCOMWFAWCB161HF	Mini PCIe ac Wifi card (Wifi only)