

JBC142F697

Desktop Mini-ITX Embedded Barebone LGA1151 / 2 Intel GbE / 6 COM / TPM



Features

- Desktop Embedded Barebone System with Planned Lifecycle Through Q3'2030
- Socket LGA1151 Supporting 6th/7th Gen Intel Core I3, I5, I7 Processors (Skylake/Kaby Lake), Up to 65W Max
- Supports DDR4-2133 SODIMM up to 32GB Total
- Up to 3 Displays, 1 * HDMI, 2 * DisplayPort, 4K Ready
- 2 * 2.5" SATA3 6Gb/s Internal Drive Bays
- 1 * Full-size mini-PCIE Slot (or WIFI Installed)
- 2 * Intel Gigabit LAN, vPro & IAMT Supported
- 4 * USB 3.0 Ports, 2 * USB 2.0 Ports
- 6 * Serial Ports (2 * RS232/422/485, 4 * RS232)
- Watchdog Timer, 120W 19V AC Adapter
- Dimensions: 44 x 192 x 330mm

Rear



Front



Model	<ul style="list-style-type: none"> ■ JBC142F697
Part No	<ul style="list-style-type: none"> ■ HBJC142F697-Q170B (NO WIFI, NO TPM) ■ HBJC142F697W-Q170B (WIFI, NO TPM)
Processor	<ul style="list-style-type: none"> ■ Socket LGA1151, Supports 6th/7th Generation Intel Core i3, i5, i7 processors, Skylake/Kaby Lake, Up to 65W supported, low profile CPU Cooler included
Memory	<ul style="list-style-type: none"> ■ 2 * 260-pin SO-DIMM slots supporting dual channel DDR4-2133 up to 32GB total
Storage	<ul style="list-style-type: none"> ■ 2 * 2.5" SATA3 6Gb/s internal drive bays
Network	<ul style="list-style-type: none"> ■ 1 * Intel i211-AT Gigabit LAN ■ 1 * Intel i219-LM Gigabit LAN with vPro & iAMT support ■ 1 * Full-size mini-PCIE slot (802.11 b/g/n + BT 4.0 installed in WIFI model), SIM Card Holder
Other Features	<ul style="list-style-type: none"> ■ HD Audio, AHCI, Watchdog Timer 10-255 min/sec., Optional onboard TPM
Rear Panel I/O	<ul style="list-style-type: none"> ■ 4 * USB 3.0 ports ■ 1 * HDMI 1.4 (4K @24Hz) ■ 2 * DisplayPort 1.2 (4K @60Hz) ■ 2 * RJ45 ■ Line-out, Line-in, Mic-in ■ 6 * Serial ports (2 * RS242/422/485, 4 * RS232) ■ (2 * COM on MB, 4 * COM cables in accessory box) ■ 2 * Antenna holes ■ 9V - 24V DC-In barrel jack (1-pin, 2.5mm ID/5.5mm OD)
Front Panel I/O	<ul style="list-style-type: none"> ■ Power, Reset, 2 * USB 2.0 ports
BIOS	<ul style="list-style-type: none"> ■ AMI UEFI 128MB DIP Flash ROM
Box Contents	<ul style="list-style-type: none"> ■ 120W 19V AC Adapter, US Power Cord, Manual, DVD Driver disk, 4 * COM cables, GPIO cable, CPU Cooler ■ (2 * 2dBI 2.4GHz Antenna on WIFI model)
Compliance	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP Ready
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature 0~50° C, Storage Temperature -20-85 ° C
Dimensions	<ul style="list-style-type: none"> ■ 192 x 330 x 44mm (DxWxH)
OS Support	<ul style="list-style-type: none"> ■ Skylake CPU: Windows 7, Windows 8.1, Windows 10, Linux ■ Kaby Lake CPU: 64bit Windows 10 UEFI, Linux UEFI
Warranty	<ul style="list-style-type: none"> ■ 2 Years limited warranty

*Specifications subject to change without notice, not responsible for typographical errors. Does not include CPU, Memory, Storage or OS.



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