

HBJC150I225-Q670

1U Rackmount Q670E Embedded Barebone Alder Lake / 1*2.5GbE+1*1GbE / 4*M.2



Features

- 1U Rackmount Embedded Barebone
- Planned Product Lifecycle Through Q1'2037
- Supports 12/13th Gen Alder Lake, Raptor Lake, vPro
- Supports DDR5 SODIMM up to 64GB Total
- 1 * Intel 2.5GbE + 1 * Intel 1GbE (iAMT), HD Audio
- Internal 2 * 2.5" or 1 * 3.5" SATA3 RAID 0/1 Bays
- M.2 M-key PCIE 4.0 x4 NVME & SATA 2242
- M.2 M-key PCIE 3.0 x4 NVME, M.2 E-key, M.2 B-key
- Up to 3 Displays: HDMI (4K), DisplayPort (4K), VGA
- PCIE 4.0 x16 Riser Card (full-height, single slot)
- 2 * Serial, Watchdog Timer, 6 * USB 3.2 Gen2
- 300W FlexATX Power Supply

Model No.	■ JBC150I225
Part No	■ HBJC150I225-Q670B
Processor	■ Supports 12/13 th Gen Alder Lake, Raptor Lake processors up to 65W, LGA1700, vPro
Memory	■ 2 * DDR5 SODIMM up to 64GB total memory
Expansion Slots	■ M.2 2230 for WIFI (USB2/PCIE/CNVI), 1 * PCIE 4.0 x16 riser card (single-slot, full-height) ■ M.2 3042 for Cellular (USB3/USB2/PCIE) with SIM card holder
Storage	■ 2 * 2.5" or 1 * 3.5" SATA3 bays supporting RAID 0, 1, JBOD ■ M.2 M-key PCIE 4.0 x4 NVME & SATA 2242, M.2 M-key PCIE 3.0 x4 NVME 2280
Network	■ 1 * Intel i225-V 2.5GbE, 1 * Intel i219-LM 1GbE (iAMT)
Other Features	■ ACPI S3/S4/S5, AHCI, Watchdog Timer 10-255 min/sec, Optional TPM2 IC
Front Panel I/O	■ Power, Reset, LEDs, 2 * USB 2.0 ports
Rear Panel I/O	■ HDMI 2.0b 4K@60Hz, DisplayPort 1.4a 4K@60Hz, VGA, 6 * USB 3.2 Gen2, 2 * RJ45 LAN, 2 * Serial (1 * RS232, 1 * RS232/422/485), Line-in, Line-out, Mic, Alternative Power & Reset, PCIE x16 slot, 2 * Antenna Holes, AC-in
BIOS	■ AMI UEFI BIOS with Intel PTT Platform Trusted Technology (TPM 2.0 emulation)
Box Contents	■ US Power cord, SATA cable, Low profile CPU heatsink/fan, PCIE x16 riser card, 300W PSU
Compliance	■ CE, FCC, RoHS, ErP Ready
Temperature	■ Operating Temperature 0 - 50° C, Storage Temperature -40 - 85° C
Dimensions	■ 252 x 430 x 44mm (DxWxH)
Warranty	■ 2 Years limited warranty

*Specifications subject to change without notice, not responsible for typographical errors.



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HBJC150I225-H610

1U Rackmount H610 Embedded Barebone Alder Lake / 1*2.5GbE+1*1GbE / 3 * M.2



Features

- 1U Rackmount Embedded Barebone
- Planned Product Lifecycle Through Q1'2037
- Supports 12/13th Gen Alder Lake, Raptor Lake
- Supports DDR5 SODIMM up to 64GB Total
- 1 * Intel 2.5GbE + 1 * Intel 1GbE, HD Audio
- Internal 2 * 2.5" or 1 * 3.5" SATA3 Bays
- M.2 PCIE 3.0 x4 NVME, M.2 E-key, M.2 B-key
- Up to 3 Displays: HDMI (4K), DisplayPort (4K), VGA
- PCIE 4.0 x16 Riser Card (full-height, single slot)
- 2 * Serial, Watchdog Timer, 2 * USB 3.2 Gen2
- 300W FlexATX Power Supply

Model No.	■ JBC150I225
Part No	■ HBJC150I225-H610B
Processor	■ Supports 12/13 th Gen Alder Lake, Raptor Lake processors up to 65W, LGA1700
Memory	■ 2 * DDR5 SODIMM up to 64GB total memory
Expansion Slots	■ M.2 2230 for WIFI (USB2/PCIE/CNVI), 1 * PCIE 4.0 x16 riser card (single-slot, full-height) ■ M.2 3042 for Cellular (PCIE) with SIM card holder
Storage	■ 2 * 2.5" or 1 * 3.5" SATA3 bays ■ M.2 M-key PCIE 3.0 x4 NVME 2280
Network	■ 1 * Intel i225-V 2.5GbE, 1 * Intel i219-V 1GbE
Other Features	■ ACPI S3/S4/S5, AHCI, Watchdog Timer 10-255 min/sec, Optional TPM2 IC
Front Panel I/O	■ Power, Reset, LEDs, 2 * USB 2.0 ports
Rear Panel I/O	■ HDMI 2.0b 4K@60Hz, DisplayPort 1.4a 4K@60Hz, VGA, 2 * USB 3.2 Gen2, 2 * USB 3.2 Gen1, 2 * USB 2.0, 2 * RJ45 LAN, 2 * Serial (1 * RS232, 1 * RS232/422/485), Line-in, Line-out, Mic, Alternative Power & Reset, PCIE x16 slot, 2 * Antenna Holes, AC-in
BIOS	■ AMI UEFI BIOS with Intel PTT Platform Trusted Technology (TPM 2.0 emulation)
Box Contents	■ US Power cord, SATA cable, Low profile CPU heatsink/fan, PCIE x16 riser card, 300W PSU
Compliance	■ CE, FCC, RoHS, ErP Ready
Temperature	■ Operating Temperature 0 - 50° C, Storage Temperature -40 - 85° C
Dimensions	■ 252 x 430 x 44mm (DxWxH)
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