

HBJC150I225 Series

Intel® 12th/13th Gen (Alder Lake-S/Raptor Lake-S) LGA1700 Socket Processor, 2*DDR5 up to 64GB

Features

1. Intel® 12th/13th LGA1700 Socket Processor (Max. 65W TDPs)
2. Intel® Q670E/H610 Chipset
3. 2* DDR5 4800MHz/5600MHz SO-DIMM up to 64GB
4. 8* USB interface, 2* RJ45, 1* MIC, 1* Line-out, 1* Line-in, 2* COM, 1* DP, 1* HDMI, 1* VGA
5. Onboard TPM2.0 (optional)
6. 1U FLEX 400W Power

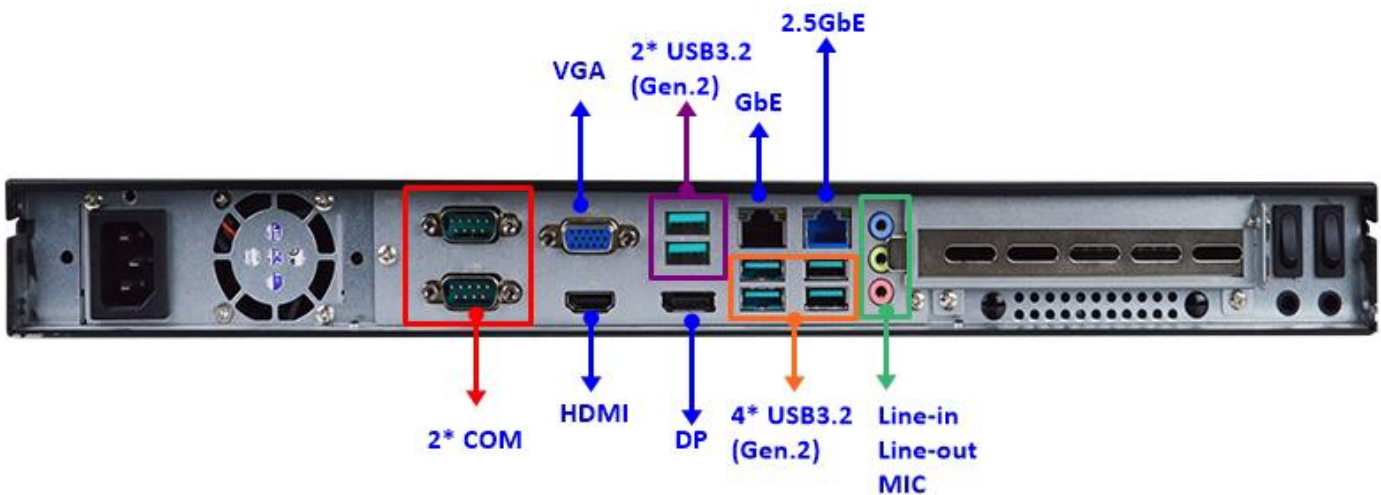


intel. FC CE RoHS COMPLIANT

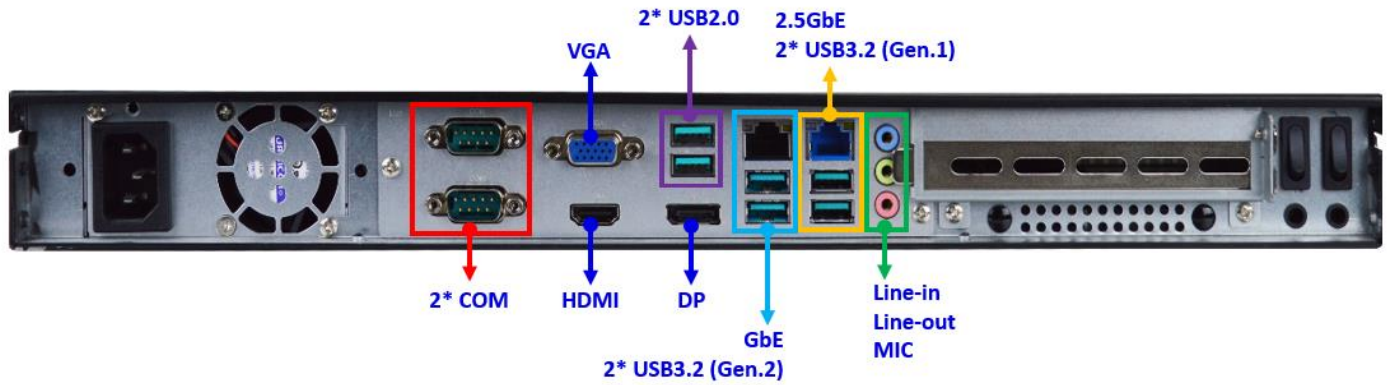
Front I/O : HBJC150I225-Q670B/H610B



Rear I/O : HBJC150I225-Q670B



Rear I/O : HBJC150I225-H610

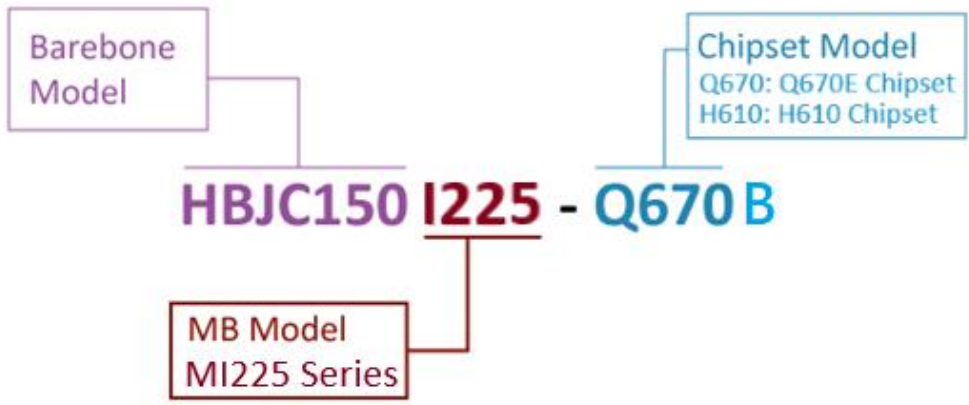


Specifications

Model	<ul style="list-style-type: none"> • HBJC150I225-Q670B • HBJC150I225-H610B
MB Model	<ul style="list-style-type: none"> • MI225Q6700 • MI225H6100
CPU / Chipset	<ul style="list-style-type: none"> • Intel® 12th/13th LGA1700 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDPs under 180A) • Intel® Q670E Express Chipset • Intel® H610/H610E Express Chipset
BIOS	<ul style="list-style-type: none"> • AMI Flash ROM
Memory	<ul style="list-style-type: none"> • Intel® 12th CPU support 2* Dual CH non-ECC DDR5 4800MHz SDRAM SO-DIMM up to 64GB • Intel® 13th CPU support 2* Dual CH non-ECC DDR5 5600MHz SDRAM SO-DIMM up to 64GB
Network	<ul style="list-style-type: none"> • 1* Intel® i219-LM GbE + 1* Intel® i225-V 2.5GbE (HBJC150I225-Q670) • 1* Intel® i219-V GbE + 1* Intel® i225-V 2.5GbE (HBJC150I225-H610)
Graphics	<ul style="list-style-type: none"> • Intel® UHD Graphics, shared memory • 1* DP 1.4a (Max Resolution: 4096x2304@60Hz) • 1* HDMI 2.0b (Max Resolution: 4096x2160@60Hz) • 1* VGA (Max Resolution: 1920x1080@60Hz)
Audio	<ul style="list-style-type: none"> • HD audio: Realtek ALC888S
Storage	<ul style="list-style-type: none"> • 2* SATAIII (6 Gb/s) 2.5" Device , support RAID 0, 1 • 1* M.2 M-Key (2280, PCIe Gen.3 x4 interface) support NVMe • 1* M.2 M-Key (2242, PCIe Gen.4 x4/SATA interface) support NVMe (HBJC150I225-Q670 only)
Expansion	<ul style="list-style-type: none"> • 1* M.2 E-Key (2230, USB2.0/PCIe Gen.3 x1 interface) support CNVi • 1* M.2 B-key (3042, PCIe Gen.3 x1/USB3.2 Gen.2/USB2.0 interface) (HBJC150I225-Q670 only) • 1* M.2 B-key (3042, PCIe Gen.3 x1 interface) (HBJC150I225-H610 only) • 1* PCIe Gen.4 x16
Rear Panel I/O	<ul style="list-style-type: none"> • 2* RJ45 • 6* USB3.2(Gen.2) (HBJC150I225-Q670) • 4* USB3.2(Gen.2) + 2* USB2.0 (HBJC150I225-H610) • 1* HDMI • 1* DP • 1* VGA • 2* COM • 1* Audio (Line-in, Line-out, MIC)
Front Panel I/O	<ul style="list-style-type: none"> • 1* Power button, 1* Reset button • 2* USB2.0 • 1* Power LED, 1* HDD LED
Internal Connector	<ul style="list-style-type: none"> • SIM Card slot • 1* GPIO (8 bit) • TPM2.0 (optional)
Power Source	<ul style="list-style-type: none"> • 1U FLEX 400W ATX PWR (4+24 pin)
Compliance	<ul style="list-style-type: none"> • CE, FCC, LVD, RoHS, ErP Ready
Dimensions	<ul style="list-style-type: none"> • System: 430 (W) x 252 (D) x 44 (H) mm • Net Weight: 4.2KG • Gross Weight: 5.2KG
Temperature	<ul style="list-style-type: none"> • Operating Temperature: 0 ~ 50° C • Storage Temperature: -40 ~ 85° C • Humidity: 10% ~ 95% RH @40°C (non-condensing)
OS Support	<ul style="list-style-type: none"> • Windows 11, Linux
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 HDD or OS.

Part Number Rules



Standard Accessories

Part Number	Description
-----	HBJC150I225 series
Change according to shipping area	1*Power cord
LCSCJC150-F	1*Screw Pack
G01-SATA3-BL-1F	1*SATA CABLE
F07-FN9025-F	1*90*25mm LGA1700 CPU FAN Module

Mechanical Drawings (Unit=mm)

