

HBJC153I23 Series

Intel® 12th Gen. Core i9/i7/i5/i3 Pentium LGA1700 Socket Processor, DDR5 4800MHz up to 64GB, Four M.2 interface slots, one PCIe x4 slot and eight 2.5GbE LAN ports for networking solution, Optional expansion up to four bypass GbE LAN ports with PCIe signal

Features

1. Intel® LGA1700 supports 12th Gen. Core Processor
2. Intel® Alder Lake Q670E Chipset
3. 2* DDR5 4800MHz SO-DIMM up to 64GB
4. 2* 2.5" SATA HDD device support RAID 0, 1
5. 1* M.2 (M-key, 2242/2280), 1*M.2 (M-key, 2280), 1* M.2 (E-key), 1* M.2 (B-key), 1* PCIe x4
6. 8* 2.5GbE, 2* USB3.2 (Gen.2), 2* USB3.2 (Gen.1), 2* COM, 1* HDMI
7. ATX Power Input with 24pin ATX + 4pin 12V
8. Support TPM2.0 (option)



Front



Rear

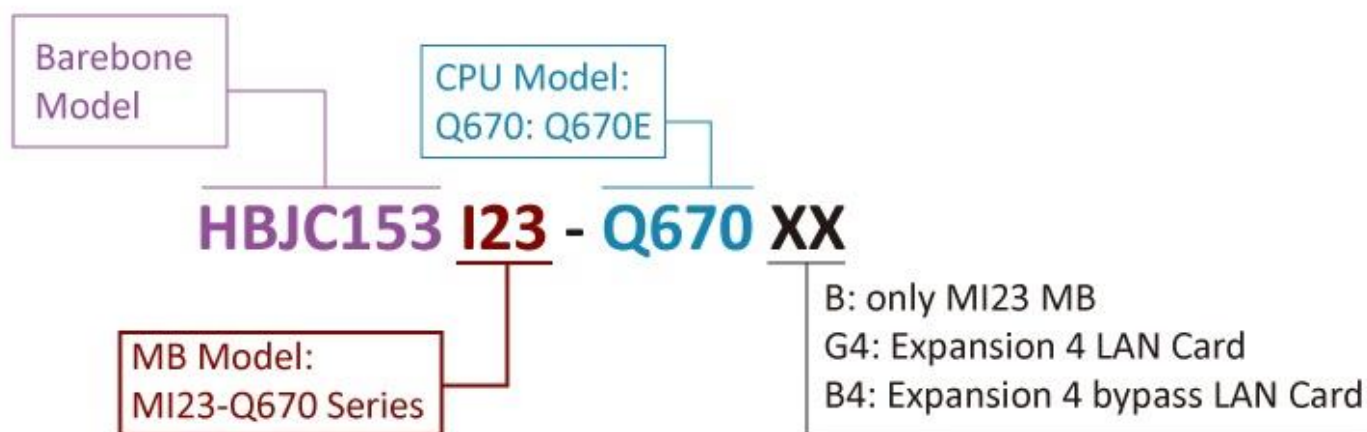


Specifications

Model	<ul style="list-style-type: none"> • HBJC153I23-Q670B (Default) • HBJC153I23-Q670G4 (Expansion PCIe 4* Lan Card) system total up to 12* LAN ports • HBJC153I23-Q670B4 (Expansion PCIe 4* Bypass Lan Card) system total up to 12* LAN ports
MB Model	<ul style="list-style-type: none"> • MI23-Q6700 (Q670E) • MI23-Q6702 (optional , Q670E,onboard TPM2.0)
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® Alder Lake Q670E Chipset
BIOS	<ul style="list-style-type: none"> • AMI Flash ROM • Support recover crashed BIOS data tool by a USB flash pen driver: Using JetBIOS SW back up tool with any external USB ports
Memory	<ul style="list-style-type: none"> • 2* DDR5 4800MHz SO-DIMM up to 64GB
Network	<ul style="list-style-type: none"> • 7* Intel® i225-V 2.5GbE • 1* Intel® i225-LM 2.5GbE
Graphics	<ul style="list-style-type: none"> • Intel® UHD Graphics, shared memory • 1* HDMI (Max Resolution: 1920x1080@60Hz)
Storage	<ul style="list-style-type: none"> • 1* M.2 M-key (2242/2280, PCIe Gen.4x4 w/SATA interface) • 1* M.2 M-key (2280, PCIe Gen.4x4 w/SATA interface) support NVMe • 2* 2.5" SATA HDD device support RAID 0, 1 (support 2.5" HDD with a height ≤10mm)
Expansion	<ul style="list-style-type: none"> • 1* M.2 E-key (2230, USB2.0/PCIe x1) support CNVi • 1* M.2 B-key (3042, USB3.2 Gen.1/USB2.0/PCIe x1 interface) support 4G Module • 1* PCIe Gen.4x4 slot
Rear Panel I/O	<ul style="list-style-type: none"> • AC input CON • Power on/off SW
Front Panel I/O	<ul style="list-style-type: none"> • 8* RJ45 • 2* USB3.2 (Gen.2) • 2* USB3.2 (Gen.1) • 1* COM (RS232) (Not installed when leaving the factory, the wires are placed in the parts box) • 1* HDMI (Not installed when leaving the factory, the wires are placed in the parts box) • 1* Alarm LED, 1* Power LED • Power on/off SW
Internal Connector	<ul style="list-style-type: none"> • SIM Card Holder
Power Source	<ul style="list-style-type: none"> • Power : 1U FLEX 400W POWER • MB : ATX Power Input (24pin ATX + 4pin 12V)
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 • Box: 560 (W) x 400 (D) x 380 (H) mm
Temperature	<ul style="list-style-type: none"> • Operating Temperature: 0 ~ 50° C • Storage Temperature: -40 ~ 85° C • Humidity: 10%~95% @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
-----	HBJC153I23 series
F07-FN9025-F	LGA1700 CPU FAN
G01-GPIO9-M30D-F	COM cable, L=30cm
G01-2X10A-HDMI-1F	HDMI cable, L=25cm
Change according to shipping area	Power cord
LCSCJC150-F	Screw Pack

Mechanical Drawings (Unit=mm)

