

HBJC153I05 Series

Intel® Elkhart Lake SoC Processor, support DDR4 3200MHz up to 32GB

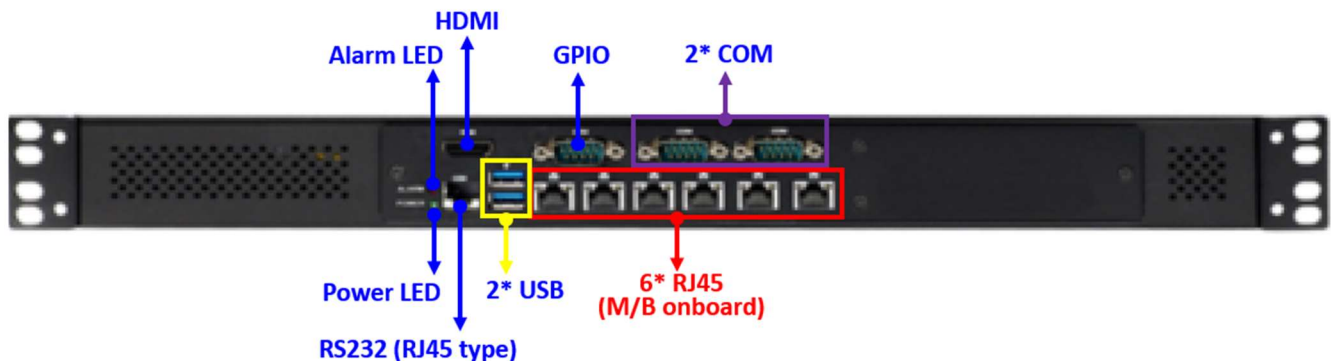
Features

1. Intel® Elkhart Lake SoC Processor
2. 1* DDR4 3200MHz SO-DIMM up to 32GB
3. 6* 10/100/1000/2500 Base-TX Ethernet Ports
(support up to 2 pairs ByPass 2.5GbE option)
4. 1* USB 3.1 (Gen.2), 1* USB 2.0, 1* HDMI
5. 1* RS232 (RJ45 type), 2* COM, 1* GPIO
6. 1* M.2 E-key (2230), 1* M.2 B-key (3042), 1* SIM
7. 1* M.2 M-key (2242), 1* 2.5" SATA Device
8. TPM2.0 onboard (optional)
9. 1U FLEX POWER_250W

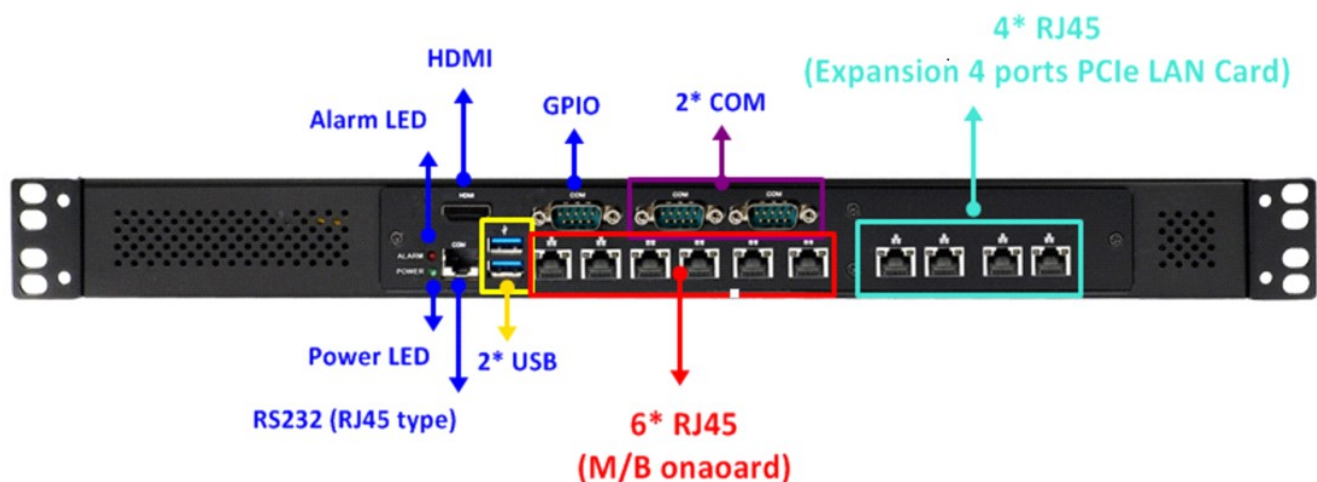


intel® FC CE RoHS
COMPLIANT

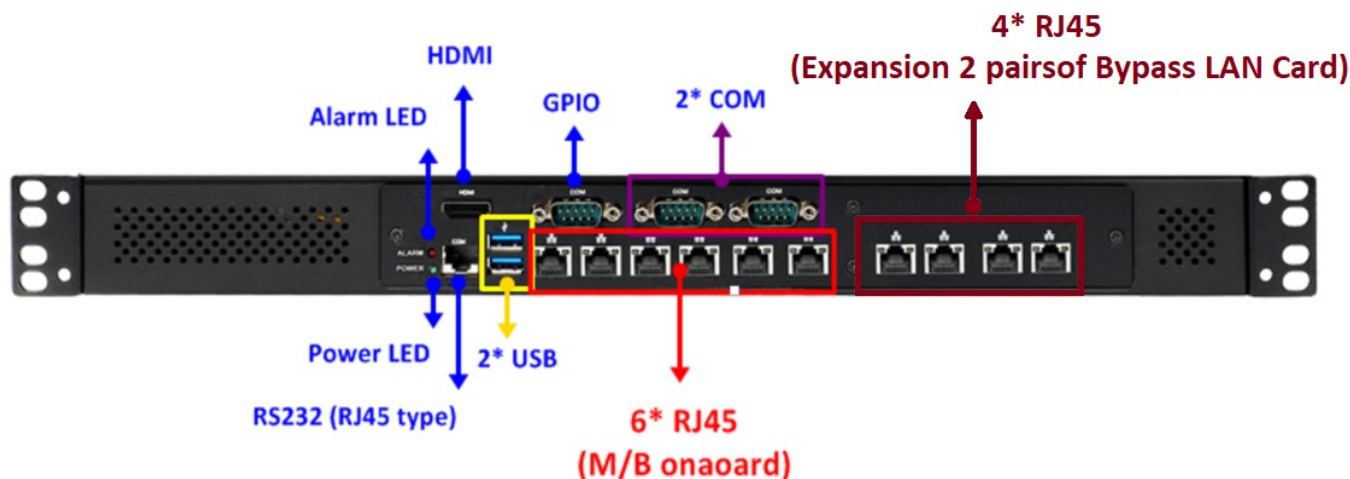
Front I/O : HBJC153I05-6412B



Front I/O : HBJC153I05-6412G4



Front I/O : HBJC153I05-6412B4



Rear I/O : HBJC153I05-6412B / G4 / B4



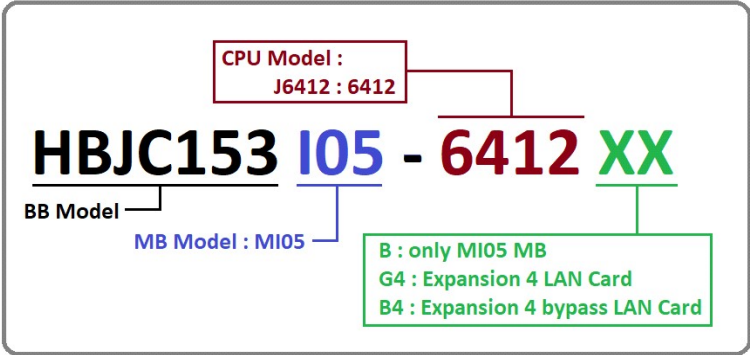
Specifications

Model	- HBJC153I05-6412B (Standard Model) - HBJC153I05-6412G4 (Expansion PCIE 4 * Lan Card / 10 * LAN) - HBJC153I05-6412B4 (Expansion PCIE 4 * ByPass Lan Card / 10 * LAN)
CPU / Chipset	Intel® Elkhart Lake J6412 SoC Processor
BIOS	AMI Flash ROM
Memory	1* DDR4 3200MHz SO-DIMM up to 32GB
Network	6* Intel i225-V 2.5GbE (support 2 pairs ByPass 2.5GbE option)
Graphics	- Intel® HD Graphics, shared memory 1* HDMI (Max Resolution: 1920×1080@60Hz)
Storage	1* M.2 M-key (2242, SATA/PCIe Gen.3 x2 interface) support NVMe 32GB EMMC Onboard (option) 1* 2.5" SATA Device (support 2.5" HDD with a height ≤ 10mm)
Expansion	1* M.2 E Key (2230, USB2.0/PCIe Gen.3 x1 interface) 1* M.2 B Key (3042, USB3.1 interface)
Rear Panel I/O	- AC input - Power SW
Front Panel I/O	6*LAN (MB) , 4*LAN (Expansion PCIE 4 * Lan Card) 1* RS232 (COM1-RJ45 TYPE) 1*HDMI 2*COM (COM2-RS232/422/485)(COM3-RS232) , 1*GPIO 1* USB3.1 , 1*USB2.0 1* Power LED , 1* Alarm LED
Internal Connector	SIM Card Holder
Power Source	- MB : DC12V input - POWER : 1U FLEX 250W POWER
Compliance	CE, FCC, LVD, RoHS, ErP Ready
Dimensions	- System: 430(W) x 252 (D) x 44 (H) mm - Box: 530 (W) x 353(D) x 142 (H) mm

Temperature	• Operating Temperature: 0 ~ 50° C • Storage Temperature: -40 ~ 85° C • Humidity : 10%~95% @40° C (non-condensing)
OS Support	• Windows 11, Linux
Warranty	• 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
-----	HBJC153I05 Series
G01-VGA2-18K16-F	VGA cable/ L=18cm
G01-GPIO9-M30-F	GPIO cable COM9/M L=30cm
Change according to shipping area	Power cord
LCSCJC150-F	Screw pack

Mechanical Drawings (Unit=mm)

