

# JBC153I05

## 1U Rackmount Embedded Barebone Elkhart Lake J6412 / 6 Intel 2.5GbE



### Features

- 1U Rackmount Embedded Network Appliance
- Planned Product Lifecycle Through Q1'2036
- Intel Celeron J6412 Quad-core, Elkhart Lake
- Supports DDR4-3200 SODIMM up to 32GB Total
- 6 \* Intel 2.5GbE, Optional addon 4 \* intel 1GbE
- Supports 1 \* 2.5" drive, M.2 SATA & PCIE 3.0 x2 SSD
- HDMI, 3 \* COM, GPIO, 1 \* USB 2.0, 1 \* USB 3.2 Gen2
- M.2 E-key for WIFI, M.2 B-key for Cellular with SIM
- 250W FlexATX Power Supply

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|------------------------|---|
| <b>Model No.</b>       | ■ JBC153I05   |
| <b>Part No</b>         | ■ HBJC153I05-6412B (6 * 2.5GBE)<br>■ HBJC153I05-6412G4 (6 * 2.5GBE + 4 * 1GBE)  |
| <b>Processor</b>       | ■ Intel Celeron J6412 Quad-core, Elkhart Lake   |
| <b>Memory</b>          | ■ Supports DDR4-3200 SODIMM up to 32GB total memory   |
| <b>Expansion Slots</b> | ■ M.2 E-key 2230 for WIFI, M.2 B-key 3042 for Cellular with SIM holder<br>■ (PCIE x1 side-port supports 1x Jetway LAN expansion module)                           |
| <b>Storage</b>         | ■ 1 * 2.5" SATA3 bay<br>■ M.2 M-key 2242 SATA & PCIE 3.0 x2 NVME  |
| <b>Network</b>         | ■ 6 * intel i225-V 2.5GbE   |
| <b>Other Features</b>  | ■ ACPI S3, AHCI, Watchdog Timer 10-255 min/sec, optional TPM2.0   |
| <b>Rear Panel I/O</b>  | ■ Power switch, AC-in plug, Fans  |
| <b>Front Panel I/O</b> | ■ Power & Alarm LED, 1 * USB 3.2 Gen2, 1 * USB 2.0, 1 * HDMI, 1 * RJ45 RS232 port, 2 * DB9 Serial (1 * RS232, 1 * RS232/422/485), DB9 8-bit GPIO, 6 * RJ45 2.5GBE |
| <b>BIOS</b>            | ■ AMI UEFI BIOS with fTPM Intel PTT TPM 2.0   |
| <b>Box Contents</b>    | ■ US Power cord, Mounting ears, 1U system   |
| <b>Compliance</b>      | ■ CE, FCC, RoHS, ErP Ready  |
| <b>Temperature</b>     | ■ Operating Temperature -10~50 ° C<br>■ Storage Temperature -20-60 ° C  |
| <b>Dimensions</b>      | ■ 252 x 430 x 44mm (DxWxH)  |
| <b>Warranty</b>        | ■ 2 Years limited warranty  |

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



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