# JBC38AZ02-20L

## Cableless & Fanless Embedded Barebone
## 6 LAN / 2 COM / 3 USB3.2 / 12-24V







### Features

- Cableless & Fanless Embedded Barebone
- Planned Product Lifecycle Through Q3'2035
- Intel Core i5-1145G7E Tiger Lake 15W Processor
- Supports DDR4-3200 SODIMM up to 64GB Total
- Up to 3*4K Display, HDMI, DP, USB-C(DP++)
- 1*Intel 2.5GbE LAN, 5*Intel 1GbE LAN
- 2*Serial (RS232)
- 2*USB 3.2 Gen2 (A), 1 * USB 3.2 Gen2 (Type-C DP++)
- 1 * 2.5" Bay, M.2 SATA/PCIE 4.0 x4, 2 * USB 2.0
- M.2 2230 for WIFI, M.2 3042/3052+SIM for Cellular
- Includes Wall Mount and Din Rail Mounting

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|---|---|
| **Part No** | ■ **HBJC38AZ02-20LB**<br>■ **HBJC38AZ02I-20LB (WIFI)** |
| **Processor** | ■ Intel Core i5-1145G7E Tiger Lake-UP3 SoC 15W VPRO processor (Call for OEM CPU Options) |
| **Memory** | ■ 2 * DDR4-3200 SO-DIMM up to 64GB total memory |
| **Expansion Slots** | ■ M.2 E-key 2230 (occupied on WIFI models), M.2 3042/3052+SIM slot for Cellular |
| **Storage** | ■ 1 * 2.5" SATA3 bay (<10mm), 1 * M.2 M-key SATA/PCIE 4.0 x4 NVME 2242/2280 |
| **Network** | ■ 1 * Intel i225/i226-V 2.5GBE, 1 * Intel i219-LM gigabit LAN (iAMT) |
| **Other Features** | ■ HD Audio, ACPI S3, AHCI, Watchdog Timer 10-255 min/sec, |
| **Rear Panel** | ■ 2 * USB 3.2 Gen2 (A), 1 * USB 3.2 Gen2 (type-C DP++), 2 * USB 2.0, HDMI, DP, 2 * RJ45, Line-out, Microphone, 3 * Antenna holes, 2 * Serial (RS232), +12V-24V DC In jack |
| **Front Panel I/O** | ■ Power button & LED, 4 * Intel 1GBE |
| **BIOS** | ■ AMI UEFI Flash ROM |
| **Box Contents** | ■ 90W 12V AC Adapter, US Power Cord, Wall/DIN mount |
| **Compliance** | ■ CE, FCC, RoHS, ErP Ready |
| **Temperature** | ■ Operating Temperature -20 - 50°C (M.2), 0 - 50°C (2.5"), Storage Temperature -20 - 85° C |
| **Dimensions** | ■ 175 x 185 x 60mm (DxWxH) |
| **Warranty** | ■ 2 Years limited warranty |

*Specifications subject to change without notice, not responsible for typographical errors. Does not include memory, storage, optical, or OS.


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