



1339.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Intel Tiger Lake !
- HBJC38AZ02 Series !



- 11th Gen Intel® Tiger Lake-UP3 SoC Processor
- Long-Life Embedded Class with Planned Lifecycle Through Q3'2035
- 1 \* Intel 2.5GbE, 5 \* Intel Gigabit LAN, 16-bit GPIO, 2 \* RS232
- 1 \* 2.5" Bay, M.2 PCIe 4.0 x4 NVME, 12-24V DC-in
- Up to 3\*4K @60Hz displays, via 1\*HDMI, 1\*DP, 1\*USB 3.2 Gen2 Type-C (DP)
- ECO-design for EuP/ErP

**Model Series** JBC38AZ02-2LG

**Part Number** HBJC38AZ02-2LGB

#### Motherboard Specification

|                 |                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CPU</b>      | Fanless 11th Gen Intel® Core i5-1145G7E, 1.50GHz – 4.10GHz Burst, 4-Core 8-Thread, 15W TDP, vPro (Formerly Tiger Lake)                    |
| <b>Memory</b>   | 2 x 260-pin Dual Channel DDR4-3200 SO-DIMM up to 64GB Total                                                                               |
| <b>Graphics</b> | Intel® Iris® Xe Graphics<br>Up to 3*4K @60Hz Display, via 1*HDMI + 1*DP + 1*USB 3.2 Gen2 Type-C (DP)                                      |
| <b>LAN</b>      | 1 x Intel I225-V PCIe 2.5GbE<br>1 x Intel I219-LM PHY Gigabit LAN (iAMT 12.0)                                                             |
| <b>Audio</b>    | Realtek ALC888S HD Audio                                                                                                                  |
| <b>Storage</b>  | 1 x SATA3 6Gb/s Cable-Free Connector, 2.5" Drive Connector<br>1 x M.2 (PCIe 4.0 x4 & SATA, M-key, 2242/2280 NVMe)                         |
| <b>WiFi</b>     | 1 x M.2 2230 E-key Open Slot for HBJC38AZ02 Series (Non-WIFI version)<br>WiFi + Bluetooth Installed for HBJC38AZ02i Series (WIFI version) |
| <b>Cellular</b> | 1 x M.2 B-key, 3042/3052 (USB and PCIe for 3G/4G/5G SIM)                                                                                  |

**Chassis Specification**

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Enclosure Size</b> | 185 (W) x 175 (D) x 60 (H) mm                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Color</b>          | Black                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Bay</b>    | 1 * 2.5" Drive Bay (Only support SATA 2.5" HDD or SSD)                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Front I/O Port</b> | 1 * Power Button<br>1 * HDD LED<br>4 * Intel 1GbE RJ45 Ports<br>16-bit GPIO                                                                                                                                                                                                                                                                                                                                                   |
| <b>Rear I/O Port</b>  | 1 * +12-24V 2.5mm Diameter Locking DC Power Jack<br>1 * HDMI 2.0b (4096 * 2160 @ 60Hz, 4K HDR)<br>1 * DP 1.4 (4096 * 2304 @ 60Hz, 4K HDR)<br>2 * USB 3.2 Gen 2 (10 Gb/s)<br>2 * USB 2.0 ports<br>1 * RJ45 LAN (10/100/1000/2500)<br>1 * RJ45 LAN (10/100/1000)<br>1 * USB 3.2 Gen 2 (10 Gb/s) Type-C with DP 1.4 (4096 x 2304 @ 60Hz)<br>2 * Serial Port (RS232)<br>1 * Line-out Jack<br>1 * MIC-in Jack<br>3 * Antenna Holes |
| <b>Power</b>          | Adapter : AC_90~240V / DC_12V/90W                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Environment</b>    | Operating Temperature : -20°C ~ 50°C with M.2 SSD, 0°C ~ 50°C with 2.5" SATA<br>Storage Temperature : -20 ~ 70°C<br>Humidity : 40%-60%, non-condensing                                                                                                                                                                                                                                                                        |
| <b>Certificate</b>    | CE,FCC,RoHS,ErP For Barebone<br>CE,FCC,TUV,UL,CCC,CB,ErP For Power Adapter                                                                                                                                                                                                                                                                                                                                                    |