

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



- 4th Generation Intel® Core i7 / i5 / i3 / Pentium Processor < 45W
- Embedded Long-life Series, Planned Lifecycle Through Q1'2018
- Intel HD 4000/5000 Graphics, DirectX 11.1
- Supports up to 2 Displays, HDMI, DVI-I
- Supports iAMT 9.0 Function
- ECO-design for EuP/ErP

|                 |                         |                          |
|-----------------|-------------------------|--------------------------|
| <b>Model No</b> | <b>JBC501F9Q-Q87-B</b>  | <b>JBC501F9QW-Q87-B</b>  |
| <b>Part No</b>  | <b>HBJC501F9Q-Q87-B</b> | <b>HBJC501F9QW-Q87-B</b> |

#### Motherboard Specification

|                 |                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------|
| <b>CPU</b>      | 4th Generation Intel® Core i7 / i5 / i3 / Pentium Processor < 45W<br>Socket LGA 1150 (Formerly Haswell)        |
| <b>Chipset</b>  | Intel Q87 Chipset                                                                                              |
| <b>Memory</b>   | 2 x 204-pin SODIMM DDR3-1600 Dual Channel (up to 16 GB)                                                        |
| <b>Graphics</b> | Requires Intel Core processor with Intel HD Graphics                                                           |
| <b>LAN</b>      | 1 x Intel i217LM PHY Gigabit LAN (iAMT 9.0)<br>1 x Intel i211AT PCI-E Gigabit LAN                              |
| <b>Audio</b>    | Realtek ALC662 HD Audio codec                                                                                  |
| <b>Storage</b>  | 4 x SATA3 6Gb/s Ports with RAID 0, 1, 5, 10 , JBOD<br>1 x Shared mSATA/mini-PCI Express Combo slot (Full-size) |

|                           |                                                                                                                              |                       |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Wireless / Mini-PCIE Slot | 1 * Mini-PCI Express Slot (Half-size)                                                                                        | Wireless 802.11 b/g/n |
| USB                       | Embedded 4 * USB 3.0 & 2 * USB 2.0                                                                                           |                       |
| MB Form Factor            | Mini-ITX (170mm x 170mm)                                                                                                     |                       |
| Chassis Specification     |                                                                                                                              |                       |
| Product size              | 260 (W) * 208 (D) * 58.5 (H) mm                                                                                              |                       |
| Color                     | Black                                                                                                                        |                       |
| Storage                   | 1 * 2.5" SATA Drive Bay                                                                                                      |                       |
| Front I/O Port            | 1 * Power Button                                                                                                             |                       |
|                           | 1 * HDD LED                                                                                                                  |                       |
|                           | 2 * USB 2.0 ports                                                                                                            |                       |
|                           | 6 * DB9 punchouts                                                                                                            |                       |
| Rear I/O Port             | 1 * +9 ~ +24V 4-pin MINI DIN jack                                                                                            |                       |
|                           | 1 * HDMI (up to 1920 x 1080)                                                                                                 |                       |
|                           | 1 * DVI-I (up to 1920 x 1080)                                                                                                |                       |
|                           | 1 * RS232/422/485 jumperless COM port                                                                                        |                       |
|                           | 4 * RS232 COM port                                                                                                           |                       |
|                           | 4 * USB 3.0 ports                                                                                                            |                       |
|                           | 2 * RJ-45 ports                                                                                                              |                       |
|                           | 1 * Line-out jack                                                                                                            |                       |
|                           | 1 * MIC-in jack                                                                                                              |                       |
|                           | 2 * SMA Connector for WiFi Antenna                                                                                           |                       |
| Other Internal Headers    | These connectors may not be fully usable with chassis closed, but the information is provided for customer alternative uses. |                       |
|                           | 1 * 24-bit Dual Channel LVDS connector/inverter (CHRONTEL CH7511B chipset up to 1920 x 1200)                                 |                       |
|                           | 1 * PCI-E 2.0 x4 Slot                                                                                                        |                       |
|                           | 1 * Chassis Intrusion header                                                                                                 |                       |
|                           | 1 * AT/ATX mode select jumper                                                                                                |                       |
|                           | 1 * 8-bit GPIO Header                                                                                                        |                       |
| Environment               | Operating Temperature : 0 ~ 40°C                                                                                             |                       |
|                           | Storage Temperature : -20 ~ 85°C                                                                                             |                       |
| Standard Accessory        | √ 19V 120W AC-DC Adapter x1                                                                                                  |                       |
|                           | √ Power Cord x1                                                                                                              |                       |
|                           | √ Wall Mount Kit                                                                                                             |                       |
|                           | √ DVI-to-VGA adapter x1                                                                                                      |                       |
|                           | √ DIN RAIL x2                                                                                                                |                       |
|                           | √ DVD Disk x1                                                                                                                |                       |
|                           | √ Manual x1                                                                                                                  |                       |
|                           | √ WIFI antenna (with HBJC501F9QW-Q87-B model)                                                                                |                       |
| Certificate               | CE,FCC,ErP For Barebone                                                                                                      |                       |
|                           | CE,FCC,TUV,UL,CCC,CB,ErP For Power Adapter                                                                                   |                       |