

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

Model No	JBC501F9Q-Q87-B	JBC501F9QW-Q87-B
Part No	HBJC501F9Q-Q87-B	HBJC501F9QW-Q87-B

Motherboard Specification

CPU	4th Generation Intel® Core i7 / i5 / i3 / Pentium Processor < 45W Socket LGA 1150 (Formerly Haswell)
Chipset	Intel Q87 Chipset
Memory	2 x 204-pin SODIMM DDR3-1600 Dual Channel (up to 16 GB)
Graphics	Requires Intel Core processor with Intel HD Graphics
LAN	1 x Intel i217LM PHY Gigabit LAN (iAMT 9.0) 1 x Intel i211AT PCI-E Gigabit LAN
Audio	Realtek ALC662 HD Audio codec
Storage	4 x SATA3 6Gb/s Ports with RAID 0, 1, 5, 10 , JBOD 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	
Environment	1 * 8-bit GPIO Header	
	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	
Certificate	√ Manual x1	
	√ WIFI antenna (with HBJC501F9QW-Q87-B model)	
	CE,FCC,ErP For Barebone CE,FCC,TUV,UL,CCC,CB,ErP For Power Adapter	