

# FLEX-BX200-Q370

2U AI Modular PC with 8<sup>th</sup>/9<sup>th</sup> Generation LGA 1151 Intel® Core™ i7/i5/i3, Pentium® and Xeon® Processor



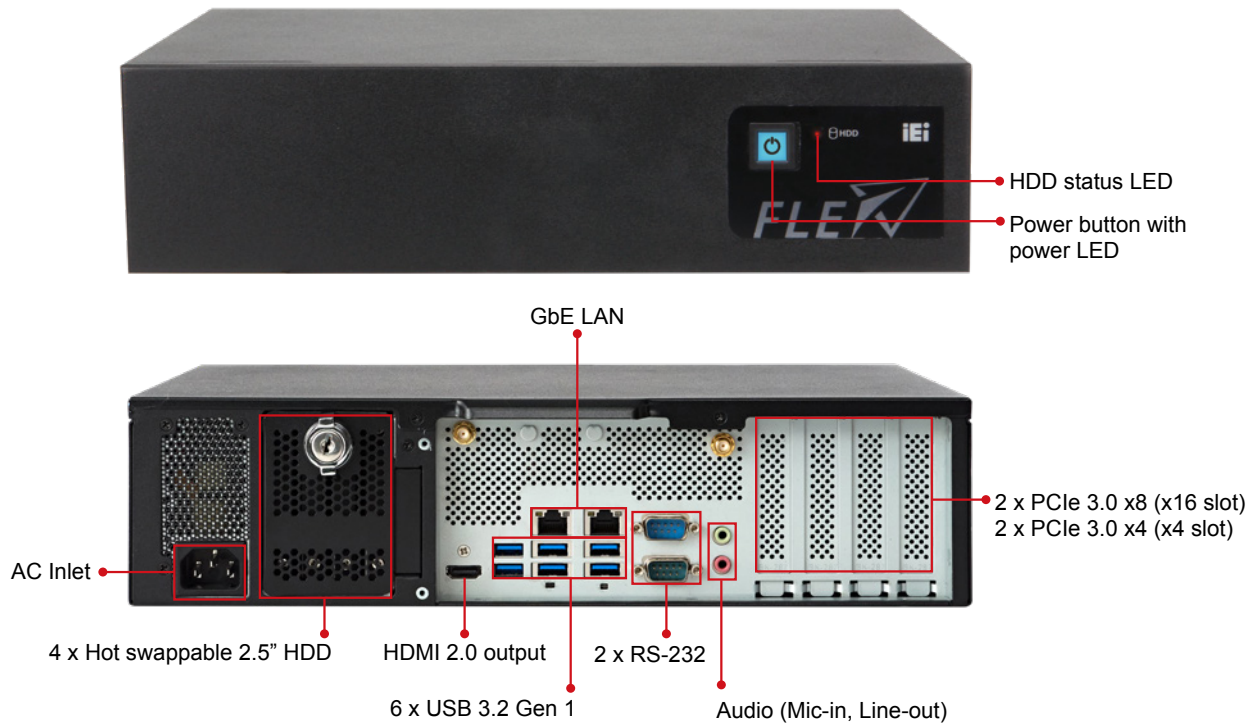
## Features

- 2U AI Modular PC supports 8<sup>th</sup>/9<sup>th</sup> Gen. LGA 1151 Intel® Core™ i7/i5/i3 and Pentium® processor with Intel® Q370 chipset, or Intel® Xeon® Processor with Intel® C246 chipset
- Four hot-swappable and accessible HDD drive bays, support RAID 0/1/5/10
- Two PCIe 3.0 by 4 and two PCIe 3.0 by 8 slots
- M.2 2280 PCIe Gen 3.0 x4 NVMe™ SSD support

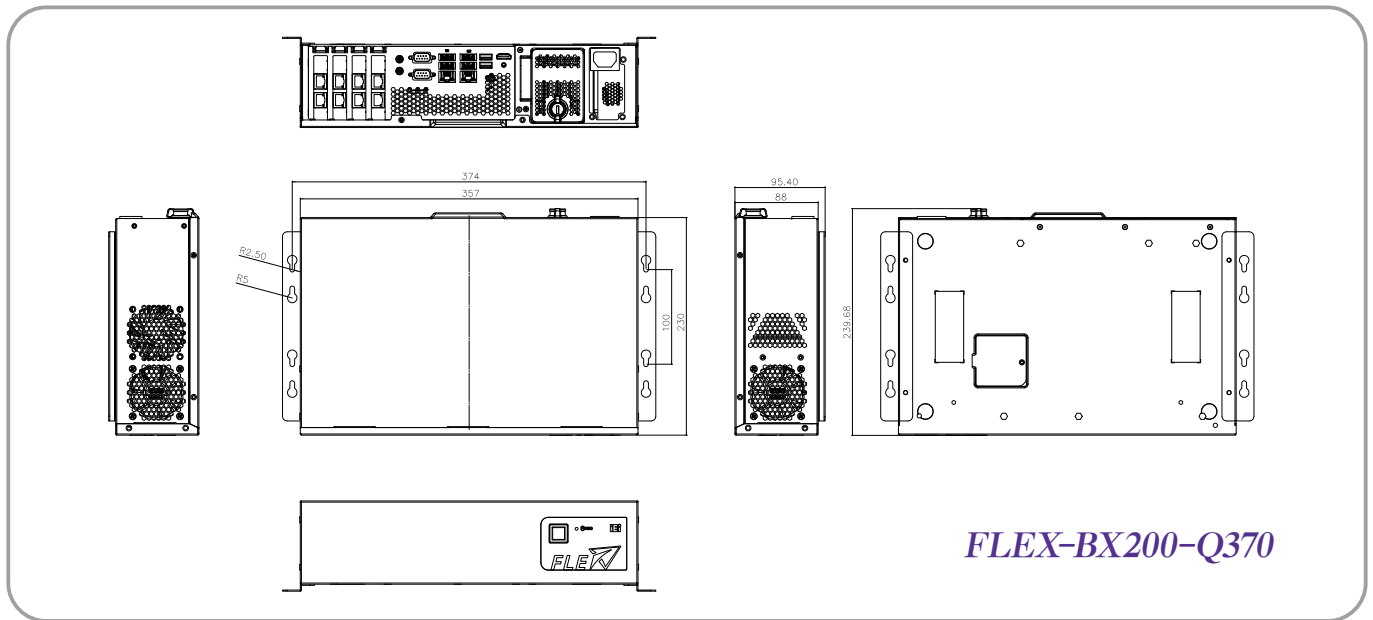
## Specifications

<b>Model Name</b>	<b>FLEX-BX200-Q370</b>
<b>CPU</b>	8 <sup>th</sup> /9 <sup>th</sup> Generation Intel® Core™ i7/i5/i3 processors in the LGA 1151 package (Please choose the TDP of the the processor under 65W)
<b>Chipset</b>	Intel® 300 Series Chipsets Q370 (Coffee Lake)
<b>Memory</b>	2 x 288-pin 2666/2400 MHz dual-channel DDR4 unbuffered DIMM supporting up to 64GB
<b>Graphics Engine</b>	Intel® HD Graphics Gen 9 Engines with Low power 16 execution unit, supports DX2015, OpenGL 5.X and OpenCL2.x, ES 2.0
<b>Ethernet</b>	Intel® I211/I219 controller
<b>Storage</b>	4 x accessible 2.5" HDD/SSD SATA 6 Gb/s bay (with RAID 0/1/5/10 support) with LED indicator 1 x NGFF M.2(2280) M Key socket (support NVMe SSD)
<b>I/O Ports and Switches</b>	1 x HDMI output 2 x GbE LAN 6 x USB 3.2 Gen 1 (5Gb/s) Type-A 2 x RS-232 DB-9 type 1 x Mic in 1 x Line out 1 x AC Inlet Power button with power LED (power on=Blue) AT/ATX mode switch Reset button
<b>Expansion Slots</b>	2 x PCIe 3.0 by 8 (by 16 slot) 2 x PCIe 3.0 by 4 (Maximum card size supported: 68 mm x 167 mm) 1 x NGFF M.2 (2230) A Key socket (support Wi-Fi) 1 x NGFF M.2 (3042) B Key socket (support WWAN wits SIM slot)
<b>Thermal Solution</b>	System Fan x3, CPU Cooler x1
<b>Power supply</b>	AC input ATX power supply 350W power supply - Input: 115VAC~264VAC, 50/60Hz - Output (Max.): 3.3V@14A, 5V@16A, 12V@29A, -12V@0.3A, +5Vsb@3A - Efficiency: Full load (100%) 87%, Typical load (50%) 90%, Light load (20%) 87%
<b>Watchdog Timer</b>	Software Programmable support 1 ~ 255 sec. System reset
<b>Chassis Construction</b>	Metal Housing
<b>Mounting</b>	Wall and Rack Mount
<b>Color</b>	Black
<b>Dimensions (LxDxH) (mm)</b>	357 x 230 x 88
<b>Weight (kg) Net/Gross</b>	4/6
<b>Operating Temperature</b>	-20°C ~ 50°C (with SSD and TDP 65W processor) -20°C ~ 40°C (with HDD or add-on cards without fan)
<b>Storage Temperature</b>	-20°C ~ 60°C
<b>Operating Humidity</b>	5% ~ 95%, non-condensing
<b>Vibration</b>	5 ~ 17Hz, 0.1 double amplitude displacement 17 ~ 640Hz 1.5G acceleration peak to peak
<b>shock</b>	10G acceleration part to part (11ms)

Fully Integrated I/O



Dimensions (Unit: mm)



Ordering Information

Part No.	Description
FLEX-BX200-C246-XE/35-R20	2U AI Modular Box PC, Intel® Xeon® E-2176G Processor (6-core, 12-thread, 3.7 GHz), TDP 80W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 350W PSU, R20
FLEX-BX200-Q370-P/35-R20	2U AI Modular Box PC, Intel® Pentium® Gold G5400T Processor (2-core, 4-thread, 3.10 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 350W PSU, R20
FLEX-BX200-Q370-I3/35-R20	2U AI Modular Box PC, Intel® Core™ i3-8100T Processor (4-core, 4-thread, 3.10 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 350W PSU, R20
FLEX-BX200-Q370-I5/35-R20*	2U AI Modular Box PC, Intel® Core™ i5-8500T Processor (6-core, 6-thread, 2.1 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 350W PSU, R20
FLEX-BX200-Q370-I7/35-R20*	2U AI Modular Box PC, Intel® Core™ i7-8700T Processor (6-core, 12-thread, 2.4 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 350W PSU, R20

Options

Part No.	Description
FLEX-BXRK-R10	Rack mount kit

Packing List

Item	Qty	Remark
32702-000200-100-RS	1	European power cord, 1830mm
41020-0521C2-00-RS	2	wall mount kit, black
44035-040062-RS	4	M4 x 6 oval head screw for wall mount kit, black
	1	Key for HDD cover