

# FLEX-BX200-C246

Intel® Coffee Lake AI Modular Embedded System



## Features

- » 2U AI Modular PC with Intel® Xeon® E Processor
- » 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
- » Dual M.2 2280 PCIe Gen 3.0 x4 NVMe™ SSD support
- » Modular LCD panel kit design (Please refer: [FLEX-PLKIT Selection](#))
- » [Buy IoT Devices & IoT Hardware | Azure Certified Device Catalog](#)

## Specifications

| Form factor                 |  |
|-----------------------------|--|
| SBC Form Factor             | Intel® Xeon® E Processor in the LGA 1151                           |
|                             | Intel® C240 Series Chipsets  |
|                             | FLEX AI Modular Box PC   |
| I/O Interface               |  |
| I/O Ports                   | 1 x HDMI™ output   |
|                             | 2 x GbE LAN  |
|                             | 6 x USB 3.0 Type-A   |
|                             | 2 x RS-232 DB-9 type   |
|                             | 1 x Mic in   |
|                             | 1 x Line out   |
|                             | 1 x AC power in Inlet  |
| Expansion Slots             |  |
| Expansion Slots             | 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)    |
| System                      |  |
| Cooling method / System Fan | System fan   |
| Drive Bays                  | 4 x Accessible 2.5" SATA 6Gb/s HDD/SSD bay (RAID 0/1/5/10 support) |
| Indicator&Buttons           |  |
| Buttons                     | Power button with power LED (power on=Blue)                        |
|                             | AT/ATX mode switch   |
|                             | Reset button   |
| Color                       |  |
| Color                       | Black C  |
| Dimensions                  |  |
| Dimensions                  | 357 x 230 x 88   |
| Weight                      |  |
| Weight                      | 4kg  |
| Environment                 |  |

|                       |  |
|-----------------------|--|
| Operating Temperature | -20°C ~ 40°C (with TDP 80W processor)    |
| Humidity              | 5% ~95%, non-condensing                  |
| OS Support            |  |
| OS Support            | Microsoft Windows 10 / Windows 11, Linux |

## Ordering Information

|                           |   |
|---------------------------|---|
| FLEX-BX200-C246-XE/35-R10 | 2U AI Modular BOX PC, Intel® Xeon® E-2176G Processor (6-core, 12-thread, 3.7GHz) TDP 80W, 2xPCIex4 and 2xPCIex8 slots, 4x HDD bay, 350W PSU,R10 |
|---------------------------|---|

## Packing List

|                |                  |
|----------------|------------------|
| 1 x Power cord | 1 x HDD door key |
|----------------|------------------|