

FLEX-BX100-ULT5

NEW



Feature

- Fanless embedded system with Intel® Whiskey Lake Intel® Core™ i5-8365UE or Intel® Celeron® 4305UE CPU
- Triple GbE LAN ports
- Support IEEE 802.3bt PoE PD power
- Support NVMe SSD

Specifications

| Model | FLEX-BX100-ULT5 |
|-----------------------------|---|
| CPU | 8th Generation Intel® Core™ i5-8365UE 4.10GHz 8th Generation Intel® Celeron® 4305UE 2.00GHz |
| Memory | 2 x 260-pin 2400 MHz dual-channel DDR4 unbuffered SO-DIMM supporting up to 32GB |
| Graphics Engine | Intel® HD Graphics Gen 9 Engines with 16 low-power execution units, 4K codec decode |
| Ethernet | Intel® I211/I219 controller |
| Storage | 2.5" HDD/SSD SATA 6Gb/s bay |
| I/O Ports and Switches | 4 x USB 3.2 Gen 2 (10Gbps) 1 x HDMI output 1 x RS-232/422/485 1 x RS-232 3 x GbE LAN (2 for IEEE802.3 PoE PD GbE LAN) 1 x 12V DC jack 1 x Power switch with LED indicator (blue) 1 x AT/ATX switch 1 x Line-out 1 x Reset button |
| Expansion Slots | 1 x NGFF M.2 2230 A Key (PCIe x1, USB signal) 1 x NGFF M.2 2280 M Key (support PCIe 3.0x4 NVMe) 2 x PoE PD module socket (by IEI pin definition) |
| Thermal Solution | Fanless |
| Watchdog Timer | Software programmable support 1~255 sec. system reset |
| Dimensions (mm) (W x H x D) | 356.5 x 222 x 44 |
| Net Weight (kgs) | 3 |
| Color | PANTONE 296 C |
| Front Frame | Aluminum |
| Rear Cover | Sheet Metal |
| Mouting | Wall mount |
| Operating Temp. | -10°C ~ 60°C (with air flow) |
| Storage Temp. | -20°C ~ 70°C |
| Humidity | 10% ~ 95% (non-condensing) |
| Vibration | 5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak |
| Shock | 10G acceleration part to part (11ms) |
| Power Input | 12V DC input |

Ordering Information

| Part No. | Description |
|---------------------------|---|
| FLEX-BX100-ULT5-i5/4G-R10 | Fanless embedded system with 8th generation 14nm Intel® Whiskey Lake Core™ i5-8365UE on-board processor (15W TDP, ULT), 4GB DDR4 RAM, 12V DC input, R10 |
| FLEX-BX100-ULT5-C/4G-R10 | Fanless embedded system with 8th generation 14nm Intel® Whiskey Lake Celeron® 4305UE on-board processor (15W TDP, ULT), 4GB DDR4 RAM, 12V DC input, R10 |

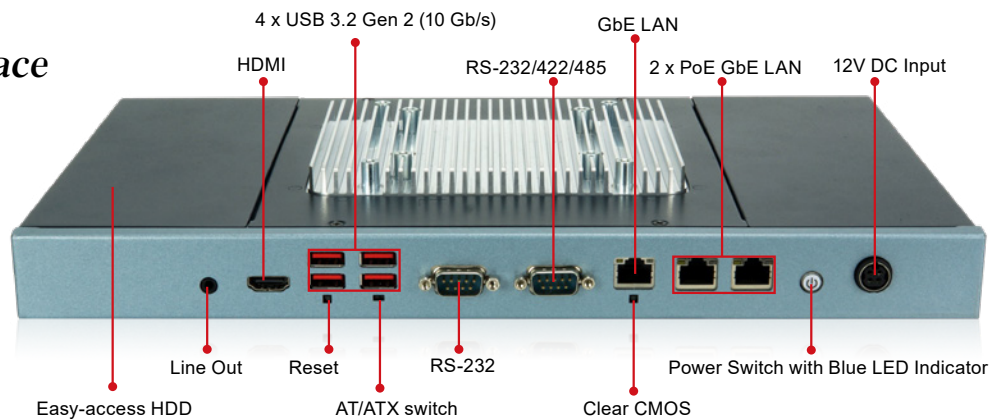
Packing List

| Item | Q'ty | Remark |
|---------------------|------|----------------------|
| 63040-010096-200-RS | 1 | AC power adapter |
| AC power cord | 1 | |
| Wall mount bracket | 2 | |
| Screws (M4*6) | 4 | for mounting bracket |
| Screws (M3*4) | 4 | for HDD installation |

Options

| Part No. | Description |
|------------|---|
| PoE PD Kit | GPOE-PD-AT01-R10 (PoE IEEE802.3 af/at, 25.5W) GPOE-PD-BT01-R10 (PoE IEEE802.3 af/at/bt, 71W) |
| Wi-Fi Kit | EMB-WIFI-KIT03E-R10 (2T2R, 802.11ac/a/b/g/n and Bluetooth v4.1, NGFF 2230 Type A-E) |

I/O Interface



FLEX-BX100-ULT5 Dimensions (Unit: mm)

