

EBS-I10

Embedded Mini-ITX System



Features

- Supports Intel® 9th Gen Core™ i processor (LGA1151) with Intel H310 chipset
- Two 260-pin SO-DIMM up to 32GB DDR4 2666 MHz SDRAM
- Supports dual display configurations with multiple interfaces, including dual DisplayPort, HDMI and LVDS
- Support 5 COM Ports
- One expansion slot (low profile)
- Support NVIDIA® RTX A2000 that offers up to 8TFLOPs GPU (Optional)

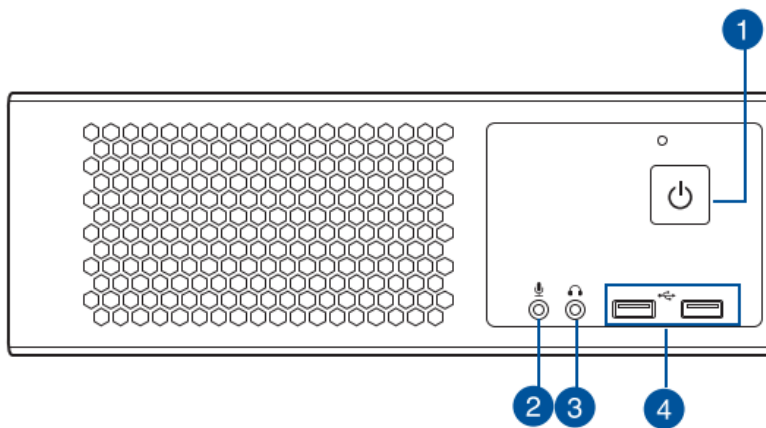
Specifications

| Case Items | Key Features | Description | | | |
|--------------------|---------------------------|---|----------|-----------|-----------|
| System | CPU | I7-9700E | I5-9500E | I5-9500TE | I3-9100TE |
| | TDP | 65W | 65W | 35W | 35W |
| | # of Cores | 8 | 6 | 6 | 4 |
| | Base Freq. | 2.6GHz | 3GHz | 2.2GHz | 2.2GHz |
| | Max Turbo Freq. | 4.4GHz | 4.2GHz | 3.6GHz | 3.2GHz |
| | Memory | 2 x SO-Dimm, DDR4 2666 MHz, max. 32GB | | | |
| Drive Bay | Storage | 1 x 2.5" (256/512GB) 1 x M.2 2280 (256/512/1TB) | | | |
| Front I/O | USB | 2 x USB 2.0 | | | |
| | Audio Jack | 2 (not available in GPU SKU) | | | |
| Rear I/O | Serial Ports | 2 x RS232/422/485 3 x RS232 | | | |
| | HDMI | 1 | | | |
| | DP | 2 | | | |
| | USB3.2 Gen1 | 4 | | | |
| | Ethernet | 2 x RJ45 (10/100/1000Mbps) | | | |
| | Audio Jack | 2 | | | |
| Internal Connector | PCIe | 1 x PCIe x16 | | | |
| | Mini PCIe | 1 x Full/Half Mini-PCIe with SATA | | | |
| | M.2 | 1 x M.2 Socket 1 with E key, type 2230 for WIFI/BT device 1 x M.2 Socket 3 with M key, type 2242/2260/2280 | | | |
| Expandability | Expansion Slot | 1 x Low-profile add-on card (NV A2000) | | | |
| Security | TPM | 1 x TPM Header | | | |
| Power | Power Supply Unit | Flex ATX 250W Gold or 350W Gold | | | |
| Environment | Operating Temperature | 0~40°C | | | |
| | Non-Operating Temperature | -20~60°C | | | |
| | Relative Humidity | 10~95% | | | |
| Dimension | Form Factor | 255 x 230 x 88 mm | | | |

Dimension



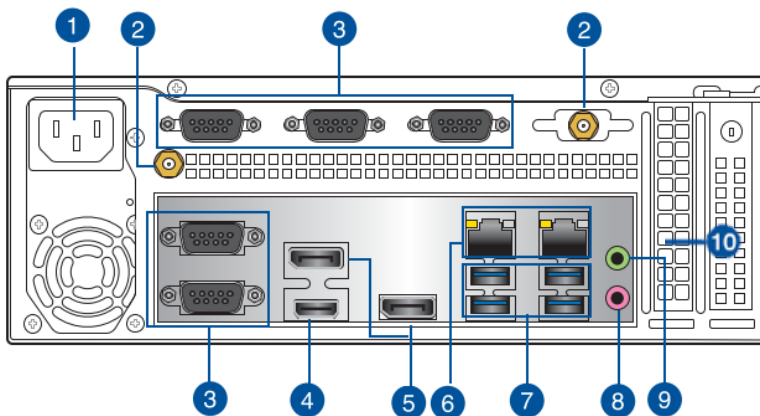
Front I/O



1. Power button
2. Microphone port (pink)*
3. Headphone port (lime)*
4. USB 2.0 ports

• These two ports are not available in GPU SKU

Back I/O



1. Power connector
2. WIFI Ports
3. Serial ports
4. HDMI® port
5. DisplayPorts
6. LAN(RJ45) ports
7. USB 3.2 Gen 1 port
8. Microphone port (pink)
9. Line out port (lime)
10. Expansion slot bracket

* The part number might vary due to part number revision.

Order Information

| Model name | Part number | Description |
|------------|-------------|-------------|
| EBS-I10 | 90AE00V* | EBS-I10 |

* The part number might vary for different regulations and package. Please consult the TPM in your region for exact 90PN.

Packing List

| Part number | Description | Quantity |
|-------------|------------------------------------|----------|
| 14009* | AC POWER CORD | 1 |
| 14013* | SATA 6G CABLE (Barebone sku only) | 1 |
| 13020* | M.2 SCREW PACK (Barebone sku only) | 2 |
| 14008* | WIFI ANTENNA (Barebone sku only) | 1 |

* The part number might vary due to part number revision.