

NEW

AI Box PC

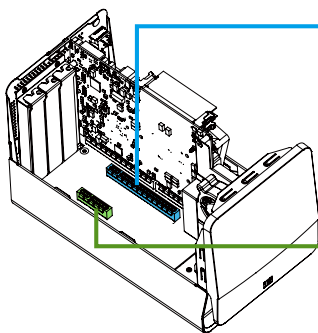
HTB-210-Q470 | 10th Gen Intel® Core™ processor

Features

- 10th Gen Intel® Core™ processor platform with Intel® Q470 chipset
- PCIe x4 slot supports capture cards or other applications
- Compact edge device with great computing & graphics performance
- PCIe x16 slot supports NVIDIA GPU acceleration card
- Two 260-pin 2666/2133MHz Dual-Channel DDR4 SODIMM unbuffered Memory supported up to 128GB



» Dual PCIe Slots



PCle x16

Accelerator cards are crucial to data scientists. High compatibility for the GPU cards such as NVIDIA P4/T4/Quadro series allows the end user to choose accelerator cards based on their different needs.

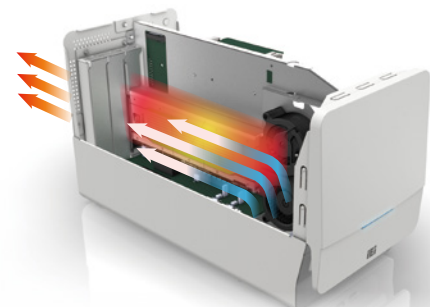
PCle x4

The redundant PCIe x4 slot is reserved for all-in-one video capture cards or other expansions.

» Unique Thermal Solution

The accessible hard drive enables IT technicians to do the maintenance work more easily. The drive bay is located in the bottom of the HTB-210 and accepts 2.5" SSD or HDD. The IT technician can easily check or replace the storage device by removing four cover screws.

Catering to NVIDIA® Tesla T4 passive heat sink design, IEI adopts blower-ventilation solution that not only creates a strong air flow but also minimizes the noise made by fan system.



» Easy Maintenance

The accessible hard drive enables IT technicians to do the maintenance work more easily. The drive bay is located in the bottom of the HTB-210 and accepts 2.5" SSD or HDD. The IT technician can easily check or replace the storage device by removing four cover screws.



Specifications

| Model | | HTB-210-Q470 |
|----------------|------------------------------|---|
| Chassis | Color | White |
| | Dimension (LxWxH) | 140 x 306.7 x 171 mm |
| | Thermal | Smart Fan |
| | Chassis Construction | Metal Housing (SECC) |
| Motherboard | CPU | Intel® Core™ i5-10500TE (6-core, 35W TDP) Intel® Core™ i7-10700TE (8-core, 35W TDP) |
| | Chipset | Intel® Q470 |
| | System Memory | 2 x 260-pin 2666/2133MHz dual-channel DDR4 SO-DIMM ECC & non-ECC unbuffered (system max. 128GB) |
| Storage | Hard Drive | 1 x 2.5" SATA HDD/SSD bay |
| I/O Interfaces | USB | 1 x USB Type-C (USB/DP) 2 x USB 3.2 Gen 1 (5Gb/s) 2 x USB 2.0 (front side) |
| | Ethernet | 2 x Intel® I225-V PCIe controller (2.5GbE) |
| | COM port | 1 x RS-232/422/485 |
| | Display | 1 x HDMI |
| | Resolution | HDMI: up to 4096 x 2304 @30Hz |
| | Others | 1 x Power button 1 x AT/ATX switch |
| | Expansions | PCIe 1 x PCIe 3.0 x4 slot 1 x PCIe 3.0 x16 slot |
| Power | M.2 | 1 x M.2 2230 A key (PCIe x2 and USB 2.0) 1 x M.2 2280 M key (PCIe x4 and SATA) |
| | Acceleration Card (Optional) | NVIDIA Tesla T4 (75W) Quadro P2200 (75W) |
| | Power Input | 19V DC |
| Reliability | Power Consumption | 19V @4.8A |
| | Power Adapter | 100V – 240V AC input, 19V DC output, 180W |
| | Operating Temperature | 0°C – 40°C |
| | Operating Humidity | 10% – 95% (non-condensing) |
| | Storage Temperature | -20°C – 60°C |
| | Operating Shock | Half-sine wave shock 5G, 11ms, 100 shocks per axis |
| | Operation Vibration | MIL-STD-810G 514.6C-1 (with SSD) |
| Weight (Net) | 2.8 kg | |
| Certification | Safety / EMC | UL/ cUL FCC Part15B EN 62368-1 Ed.2 + RMF EN 55032 + EN 55035 |
| | OS | Supported OS |
| OS | Supported OS | Windows 11, Windows 10, Linux |

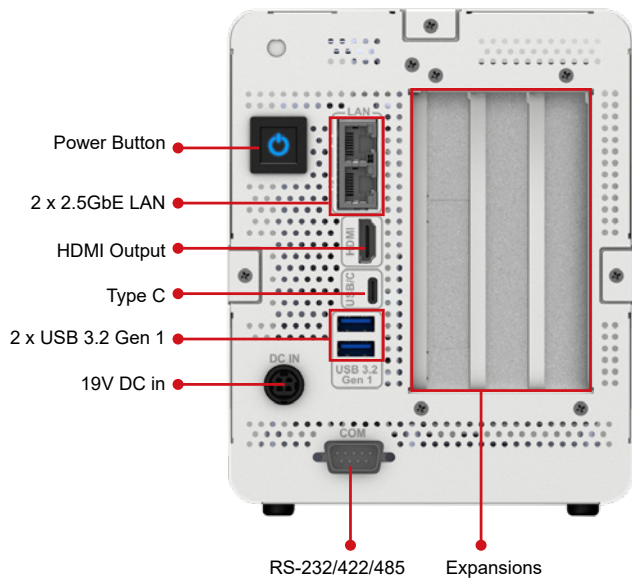
Ordering Information

| Part No. | Description |
|----------------------|--|
| HTB-210-Q470/2A-R10 | Embedded system w/o CPU, w/o RAM, one PCIe x16 slot, one PCIe x4 slot, 19V DC 180W power adapter, white, for ATO only, R10 |
| 24133-02023012-01-RS | Intel® Core™ i5-10500TE (6-core, 35W TDP) |
| 24133-03020016-01-RS | Intel® Core™ i7-10700TE (8-core, 35W TDP) |
| 19FHTB210-000001-RS | Fan module for NVIDIA Tesla T4, CCL, RoHS |

Packing List

| Item | Part No. | Q'ty | Remark |
|---------------|---------------------|------|---|
| Power Adapter | 63040-010180-200-RS | 1 | 180W power adapter Input: 100V – 240V AC; Output: 19V DC |
| Power Cord | 32702-000200-100-RS | 1 | European power cord, 180 cm, C13 |
| HDD Screws | 44043-030041-RS | 4 | Machine screw; I head; M3x4 |

I/O Interface



HTB-210-Q470 Dimensions

(Unit: mm)

