

HTB-230D-R680E

AI box PC with 10.1" touch panel and 13th generation Intel® Core™ i9 processor



Features

- » Intel® Core™ i9 processor
- » 10.1" front panel with P-CAP touch
- » Expansion slots for GPU and add-on cards
- » Compatible to Nvidia Quadro RTX Ampere series GPU
- » Support M.2 Gen4 x4 NVMe SSD
- » Support 4 x DDR5

Specifications

| | |
|-------------------------------------|---|
| Display | |
| LCD Size | 10.1" |
| LCD Resolution | 1920 x 1200 |
| LCD Brightness (cd/m ²) | 400 |
| LCD Contrast Ratio | 900:1 |
| LCD Color | 16.7M (8-bit) |
| LCD Pixel Pitch (mm) | 0.03764 x 0.11292 |
| LCD Viewing Angle (H-V) | 160°/160° |
| Touch Screen | Projected capacitive type with 10-point multi-touch |
| Touch Controller | ILI |
| Touch Surface Hardness | 6H |
| System | |
| Processor | Intel® Core™ i9 processor |
| Chipset | Intel® R680E |
| GPU | Compatible with NVIDIA Quadro RTX Ampere series GPU |
| Network | |
| Ethernet Controller | Intel® I225-V |
| Storage | |
| Storage | M.2 2280 NVMe Gen4 x4 SSD |
| RAM | 4 x 288-pin dual-channel DDR5 U-DIMM, up to 4400MHz, ECC & non-ECC un-buffered memory (system max. 128GB) |
| Expansion Slots | |
| Expansion Slots | 1 x PCIe Gen4 x16 slot for GPU |
| | 2 x PCIe Gen4 x4 slot for add-on cards |
| | 1 x M.2 2280 PCIe Gen4 x4 M key slot for SSD |
| Audio | |
| Speaker | 2 x 3W speaker |
| I/O Interface | |
| Front I/O | 2 x USB 3.2 Gen 2 |
| Rear I/O | 1 x HDMI output |
| | 1 x AC IN |
| | 1 x Speaker |
| | 1 x Microphone |

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|---------------------------------|---|
| | 2 x 2.5 GbE LAN |
| | 4 x USB 3.2 Gen 2 |
| Indicator&Buttons | |
| Buttons | 1 x System power button (with power LED) |
| | 1 x Power supply swich |
| Indicators | Power LED |
| Physical Characteristics | |
| Color | White |
| Thermal | Smart fan |
| Construction Material | NCT(N); SECC |
| Weight (Net) (kg) | 7.68 |
| Dimensions (LxWxH) (mm) | 310 x 203 x 390 |
| Power | |
| Input | 115V AC – 264V AC medical grade ATX power |
| Output | 700W medical power adapter |
| Environment | |
| Operating Temperature | 0°C ~ 40°C |
| Storage Temperature | -20°C ~ 65°C |
| Humidity | 10% – 95% (non-condensing) |
| Vibration | 1G |
| Operating Shock | 5G peak acceleration (11ms duration) |
| Non-operating shock | 15G peak acceleration (11ms duration) |
| Certifications | |
| Safety & EMC | CE, |
| | FCC Class B Part18, |
| | UL 60601-1, |
| | IEC/EN 60601-1, |
| | IEC/EN 60601-1-2 |

Ordering Information

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|--------------------|---|
| HTB-230D-R680E-R10 | Medical AI Box PC, 10.1" panel, PCAP touchscreen, w/o CPU, w/o GPU card, w/o DDR5, w/o M.2 SSD, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power adapter, R10, RoHS |
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Packing List

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| 1 x European power cord (183 cm, C13) | |
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