Medical Computer > Medical Box PC > HTB Series

HTB-230D-R680E

AI box PC with 10.1" touch panel and 13th generation Intel® Core™ i9 / i7 / i5 processor

Features

» 13th Gen Intel® Core™ i9-13900 / i7-13700 / i5-13500

» 10.1" front panel with P-CAP touch

» Three expansion PCIe slots for GPU and add-on cards

» Compatible to Nvidia Quadro RTX Ampere series GPUs

» Supports M.2 2280 PCIe Gen4 x4 NVMe SSD

» Supports 4 x DDR5 U-DIMM (up to 128GB total)

Specifications

Display	
LCD Size	10.1"
LCD Resolution	1920 x 1200
LCD Brightness (cd/m²)	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	13th Gen Intel® Core™ i9-13900/
	13th Gen Intel® Core™ i7-13700/
	13th Gen Intel® Core™ i5-13500
Chipset	Intel® R680E
GPU	Compatible with NVIDIA Quadro RTX Ampere series GPUs
Network	
Ethernet Controller	Intel® I226-V
Storage	
Storage	M.2 2280 PCIe Gen4 x4 NVMe SSD
RAM	4 x 288-pin dual-channel DDR5 U-DIMM (up to 4400MHz), ECC and non-ECC unbuffered memory (up to 128GB total)
Expansion Slots	
Expansion Slots	1 x PCIe Gen4 x16 slot for GPU (supports full-height cards up to 111.15 mm (4.4 inches), full-length cards up to 312 mm (12.28 inches), and up to triple-slot widths, with a maximum TDP of 300W)
	2 x PCIe Gen4 x4 slots 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
	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
Weight (Gross) (kg)	10.69
Dimensions (LxWxH) (mm)	310 x 206 x 390
Power	
Input	100V AC – 240V AC medical grade ATX power
Output	700W medical build in power supply
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

HTB-230D-R680E-i9/16G-R10	Medical AI Box PC, 10.1" panel, PCAP touchscreen, Intel® Core™ i9-13900, w/o GPU card, w/o M.2 SSD, DDR5 U-DIMM 16GB, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power supply, R10, RoHS
HTB-230D-R680E-i7/16G-R10	Medical AI Box PC, 10.1" panel, PCAP touchscreen, Intel® Core™ i7-13700, w/o GPU card, w/o M.2 SSD, DDR5 U-DIMM 16GB, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power supply, R10, RoHS
HTB-230D-R680E-i5/16G-R10	Medical AI Box PC, 10.1" panel, PCAP touchscreen, Intel® Core™ i5-13500, w/o GPU card, w/o M.2 SSD, DDR5 U-DIMM 16GB, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power supply, R10, RoHS
HTB-230-R680E-i9/16G-R10	Medical AI Box PC, w/o 10.1" panel, w/o PCAP touchscreen, Intel® Core™ i9-13900, w/o GPU card, w/o M.2 SSD, DDR5 U-DIMM 16GB, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power supply, R10, RoHS
HTB-230-R680E-i7/16G-R10	Medical AI Box PC, w/o 10.1" panel, w/o PCAP touchscreen, Intel® Core™ i7-13700, w/o GPU card, w/o M.2 SSD, DDR5 U-DIMM 16GB, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power supply, R10, RoHS
HTB-230-R680E-i5/16G-R10	Medical AI Box PC, w/o 10.1" panel, w/o PCAP touchscreen, Intel® Core™ i5-13500, w/o GPU card, w/o M.2 SSD, DDR5 U-DIMM 16GB, one PCIe Gen 4 x16 slot, two PCIe Gen 4 x4 slots, 700W medical power supply, R10, RoHS

Packing List

1 x European power cord (183 cm, C13)	