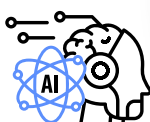




HTB-300-MTL-H

Medical AI BOX PC

- Intel® Core™ Ultra5-125H/ Ultra7-155H processor (Meteor Lake-H)
- Fanless system
- 1 x Expansion slot for MXM Type A
- Compatible to Nvidia Quadro RTX Ampere & Ada series
- Support 2 x M.2 Gen4 x4 NVMe SSD
- Support 2 x DDR5
- 1 x Expansion PCIe Gen4 x4 slot (optional)
- Support Intel® Wi-Fi 7 BE200 (optional)



Specifications

Model		HTB-300-MTL-H
Processor	Processor	Intel® Core™ Ultra 5-125H/ Ultra 7-155H processor (code name: Meteor Lake-H, TDP 28W)
LAN	LAN Controller	Intel® I226-V
System	Storage	2 x M.2 2280 PCIe Gen4 x4 M-key slots (optional, supports RAID)
	RAM	2 x 262-pin 5600MT/s dual-channel DDR5 SO-DIMM slots (system max. 64GB)
Expansion	Expansion	2 x M.2 2280 PCIe Gen4 x4 M-key slots for SSD 1 x M.2 2230 A-E Key slot (for Wi-Fi; PCIe/USB) 1 x MXM 3.1 Type A slot (signal PCIe Gen5 x8) 1 x PCIe Gen4 x4 slot (support Capture card)
Audio	Audio	1 x 3.5mm Mic in & Audio out
Speaker	Speaker	1 x 3W speaker
Wireless	Wi-Fi	IEEE 802.11 be, Intel® Wi-Fi 7 BE200 (optional)
	Bluetooth	Bluetooth V5.4 (optional)
I/O	Front I/O	1 x 19V DC-in 1 x 3.5mm Mic in & Audio out 1 x Terminal Block (DC IN) 2 x USB 2.0 Type-A (480 Mb/s)
	Rear I/O	1 x HDMI output 2.1 1 x USB 3.2 Gen 2 (10Gb/s) Type-C (DP1.2 + USB 5V/3A) 2 x 2.5GbE LAN 4 x USB 3.2 Gen 2 (10Gb/s) Type-A 4 x RS-232
Button	Button	1 x System power on/off button (with power LED) 1 x Clear CMOS 1 x AT/ATX switch 1 x Reset
Physical	Color	White
	Thermal	Fanless
	Chassis Construction	NCT(N); SECC
	Construction Material	Aluminum
	Mounting	Wall, Stand and Arm; VESA 75/100 compliant; Din Rail mount
	Weight (Net) (kg)	2.045
	Weight (Gross) (kg)	4.265
	Dimensions (LxWxH) (mm)	232 x 202 x 43.5 (standard) 232 x 202 x 66.5 (MXM or Riser Card)
Power	Input	Terminal block 9-28V DC-in
	Power Adapter	19V DC-in, 120W medical power adapter
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 60°C
	Humidity	10% – 95% (non-condensing)
	Vibration	1G
	Operating shock	5G peak acceleration (11ms duration)
	Pressure	700 hPa - 1060 hPa
	Non-operating shock	15G peak acceleration (11ms duration)
Operating System	Security	Trusted Platform Module 2.0
	Supported OS	Windows 11; Linux Ubuntu
Certification	EMC & Safety	CE, FCC Class B Part18 UL 60601-1 IEC/EN 60601-1: 2005+AMD1:2012 (Edition 3.2) IEC/EN 60601-1-2 (Edition 4.1)

Ordering Informationa

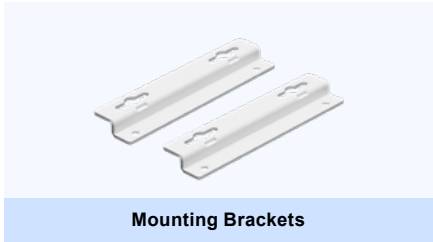
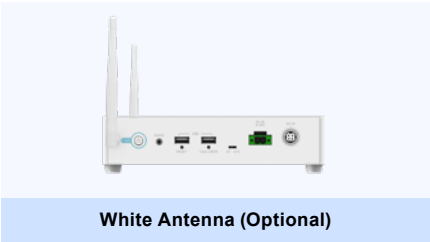
Part No.	Description
HTB-300-MTL-H-ULTRA5-R10	Fanless embedded system, Intel® Core™ Ultra5-125H 4.5GHz on-board processor, 2 x M.2 2280 PCIe Gen4 x4 M key slot, 1 x M.2 2230 E Key slot for Wi-Fi 7 module, 1 x MXM 3.1 Type A expansion, R10, RoHs
HTB-300-MTL-H-ULTRA7-R10	Fanless embedded system, Intel® Core™ Ultra7-155H 4.8GHz on-board processor, 2 x M.2 2280 PCIe Gen4 x4 M key slot, 1 x M.2 2230 E Key slot for Wi-Fi 7 module, 1 x MXM 3.1 Type A expansion, R10, RoHs

Packing List

Item	Q'ty	Remark
Power Adapter	1	120W medical power adapter
Power Cord	1	European power cord, C13
	1	Stand
	4	Foot pad

Options

Item	Q'ty
White Antenna (Optional)	1
VESA/DIN rail	1
Mounting Brackets	2



Dimensions (Unit: mm)

