

HTB-300-MTL-H

Medical AI Box PC



Features

- » Intel® Core™ Ultra 5-125H/ Ultra 7-155H processor (code name: Meteor Lake-H, TDP 28W)
- » Fanless embedded system
- » 2 x M.2 2280 PCIe Gen4 x4 (M Key) for SSD
- » 1 x M.2 2230 (E Key) slot for Wi-Fi 7
- » 1 x MXM 3.1 Type A slot (signal PCIe Gen5 x8)
- » 2 x DDR5 5600MT/s SO-DIMM slots, up to 64GB

Specifications

系統	
處理器	Intel® Core™ Ultra 5-125H/ Ultra 7-155H processor
支援作業系統	Windows 11, Linux Ubuntu
網路	
乙太網路控制器	Intel® I226-V
Wi-Fi	IEEE 802.11 be, Intel® Wi-Fi 7 BE200 (optional)
藍芽	Bluetooth V5.4 (optional)
存儲	
存儲	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)
擴充槽	
擴充槽	2 x M.2 2280 PCIe Gen4 x4 M-key slots for SSD
	1 x M.2 2230 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)
音效	
音效	1 x 3.5mm Mic in & Audio out
揚聲器	1 x 3W speaker
輸出/介面	
前 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
後 I/O	1 x HDMI output 2.1
	1 x USB 3.2 Gen 2 Type-C (DP1.2 + USB 5V/3A)
	2 x 2.5GbE LAN
	4 x USB 3.2 Gen 2 Type-A
	4 x RS-232
指示燈與按鈕	
按鈕	1 x System power on/off button (with power LED)
	1 x Clear CMOS
	1 x AT/ATX switch
	1 x Reset

外觀	
顏色	White
散熱	Fanless
機殼結構	NCT(N), SECC
機構材質	Aluminum
安裝	Wall, Stand and Arm
	VESA 75/100 compliant
	Din Rail mount
重量（淨重, kg）	2.04
重量（總重, kg）	4.26
外觀尺寸（mm）	232 x 202 x 43.5 (Standard)
	232 x 202 x 66.5 (MXM or Riser Card)
電源	
輸入	Terminal block 9-28V DC-in
外接式電源供應器	19V DC-in, 120W medical power adapter
環境	
操作溫度	0°C – 40°C
存儲溫度	-20°C – 60°C
濕度	10% – 95% (non-condensing)
振動	1G
操作衝擊	5G peak acceleration (11ms duration)
非操作衝擊	15G peak acceleration (11ms duration)
認證	
電磁兼容與安規	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 Information

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/B expansion, R10, RoHs
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/B expansion, R10, RoHs

Packing List

1 x 120W medical power adapter	1 x European power cord, C13
1 x Stand	4 x Foot pad