

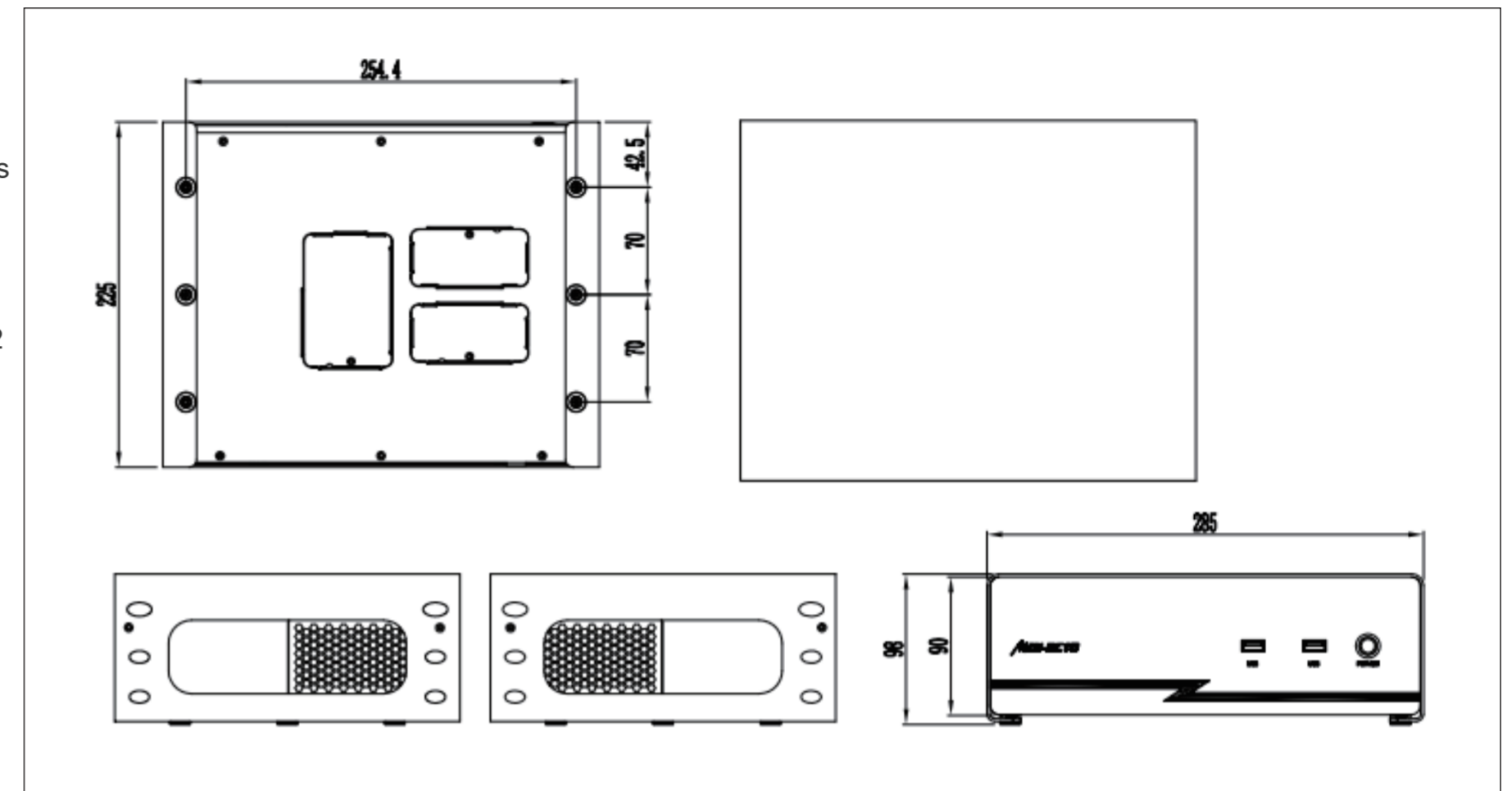
MIN-EC10



Product Features

- Designed for medical imaging scenarios and edge AI applications
- Intel Tiger Lake-H series high performance CPU
- Supporting DP/HDMI independent display
- Dual channel DDR4 RAM, supporting up to 64GB RAM, dual M.2 SSD
- Supporting 4G/5G module
- Supporting MXM GPU module
- Dual Ethernet, 5 USB,
- Compact size:285*225*98mm
- High expandability for SDI, PCIe4, PCIe2, COM, HDMI, USB

Dimensions



Specification

Model No.	MIN-EC10			
CPU	Platform	Intel Tiger Lake-H i5/i7/i9		
	CPU	i5-11500H	i7-11850H	i9-11950H
	Core No.	6	8	8
	Base Frequency	2.4/2.9GHz	2.1/2.5GHz	2.1/2.6GHz
	Max. Frequency	4.60GHz	4.90GHz	5.00GHz
	L2 Cache	12MB	24MB	24MB
	TDP	35/45W	35/45W	35/45W
	Chipset	Intel PCH QM580		
	BIOS	128Mb SPI FLASH		
RAM	Type	DDR4		
	Max Support	64G 3200MHz		
	Socket	2 x SO-DIMM		
Expansion Slot	M.2	1 x M.2 Key-M(2242 / 2280) for PCIe/SATA 1 x M.2 Key-B(2242 / 2260 / 2280) for SATA & 4G/5G 1 x M.2 Key-E(2230) for WIFI		
	MXM	1 x MXM slot for GPU module		
	SIM	1 x SIM		
Storage	SATA	1 x SATA3.0(7 Pins)		
Display	Back Panel	1 x HDMI (From GPU DP_A DP to HDMI) 1 x DP (From GPU DP_B)		
	Resolution	HDMI2.0:4096*2160@60Hz DP:7680*4096@60Hz		

USB/Type C	Front Panel	2 x USB2.0
	Back Panel	3 x USB3.0 1 x Type C
	Function	Support wake up from S3/S4
Audio	Controller	Integrated High Definition Audio Stereo (ALC897)
	Back Panel	1 x Line Out 1 x MIC In
Ethernet	Controller	Intel® Ethernet Controller I225-AT
	Back Panel	2 x RJ45 10/100/1000M
	Function	Support wake up and PXE
Button	Front Panel	1 x Power Button
	Back Panel	1 x RV Button 1 x Reset Button
Power	Type	1 x DC In(4P In)
	Voltage	18~26V
Environment	Working Temp.	0~50°C at 0.7m/s air flow
	Storage Temp.	-20~70°C
	Working Humidity	10~95%(non-condensing)
Physical	Size	285*225*98mm
	Color	White
OS	Microsoft	Windows 10
	Linux	Support

Front/Back Panel

