



Empowering Tomorrow's AI Computing

MIN-EC10

AI Edge Box PC

Product Catalogue

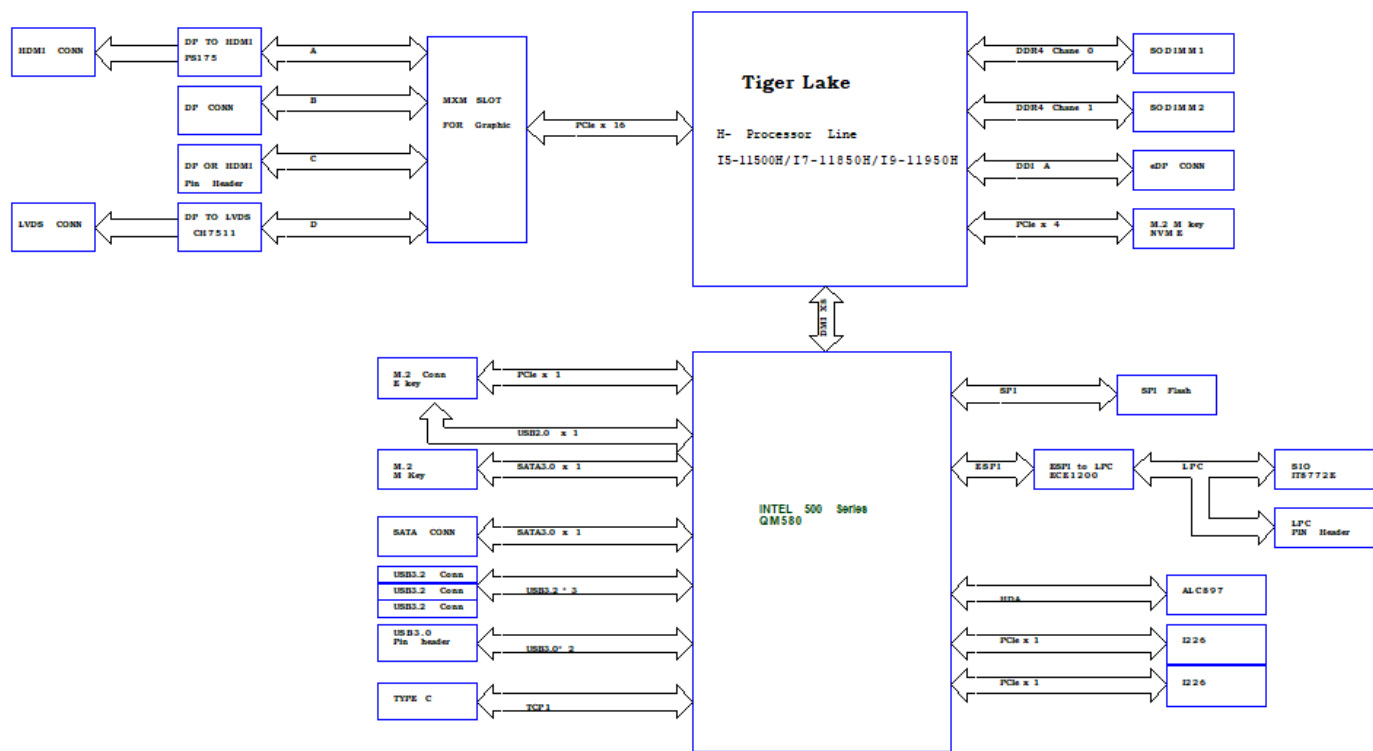
1. Specification

Model		MIN-EC10		
Form Factor	Form Factor	Embedded AI Edge Box PC		
Processor	chipset	Intel Tiger Lake-H I5/I7/I9		
	CPU	I5-11500H	I7-11850H	I9-11950H
	Core Number	6	8	8
	Base Frequency	2.4/2.9GHz	2.1/2.5GHz	2.1/2.6GHz
	Max. Speed	4.60GHz	4.90GHz	5.00GHz
	L2 Cache	12MB	24MB	24MB
	TDP (W)	35/45W	35/45W	35/45W
	Chipset	Intel PCH QM580		
	BIOS	128Mb SPI FLASH		
	Memory	Memory	DDR4	
Max. Capacity		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 card expansion		
	SIM	1 x SIM slot		
Storage	SATA	1 x SATA3.0(7 Pins)		
Graphics	Rear I/O	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		

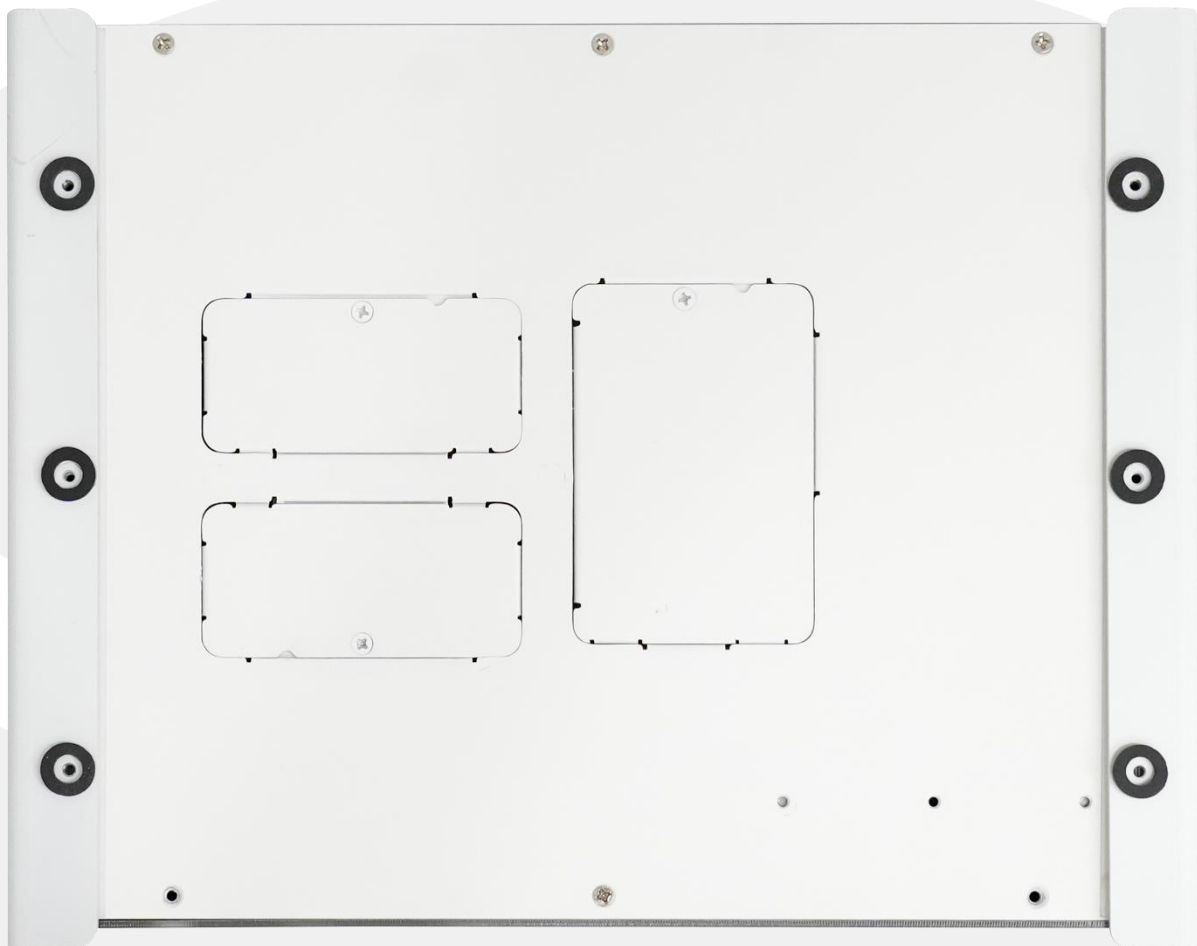
USB / Type-C	Front I/O	2 x USB2.0
	Rear I/O	3 x USB3.0 1 x Type C
	Function	Support wake up from S3/S4
Audio	Controller	Integrated High Definition Audio Stereo (ALC897)
	Rear I/O	1 x Line Out 1 x MIC In
Ethernet	Controller	Intel® Ethernet Controller I225-AT
	Rear I/O	2 x RJ45 10/100/1000M
	Function	Support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

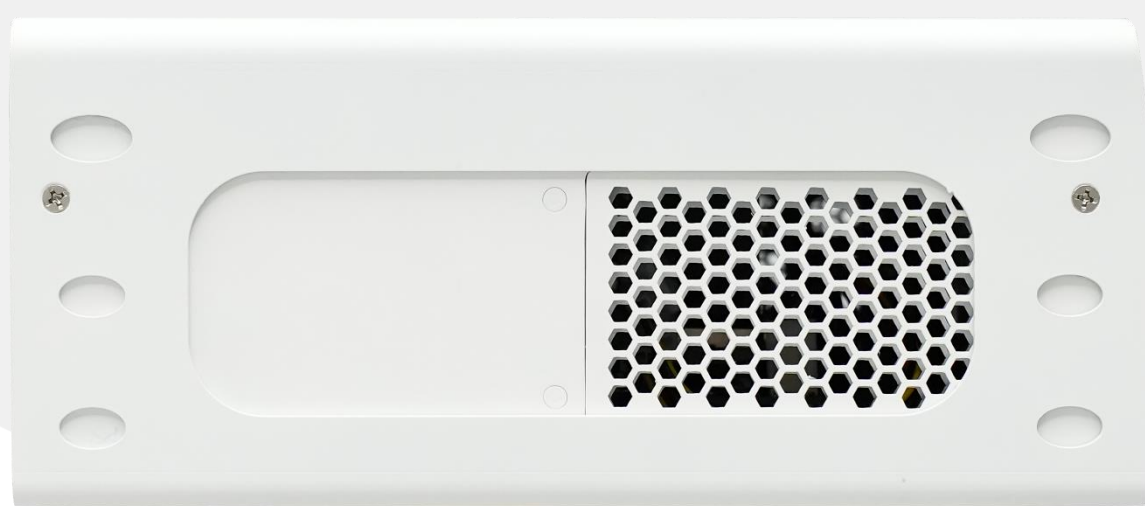
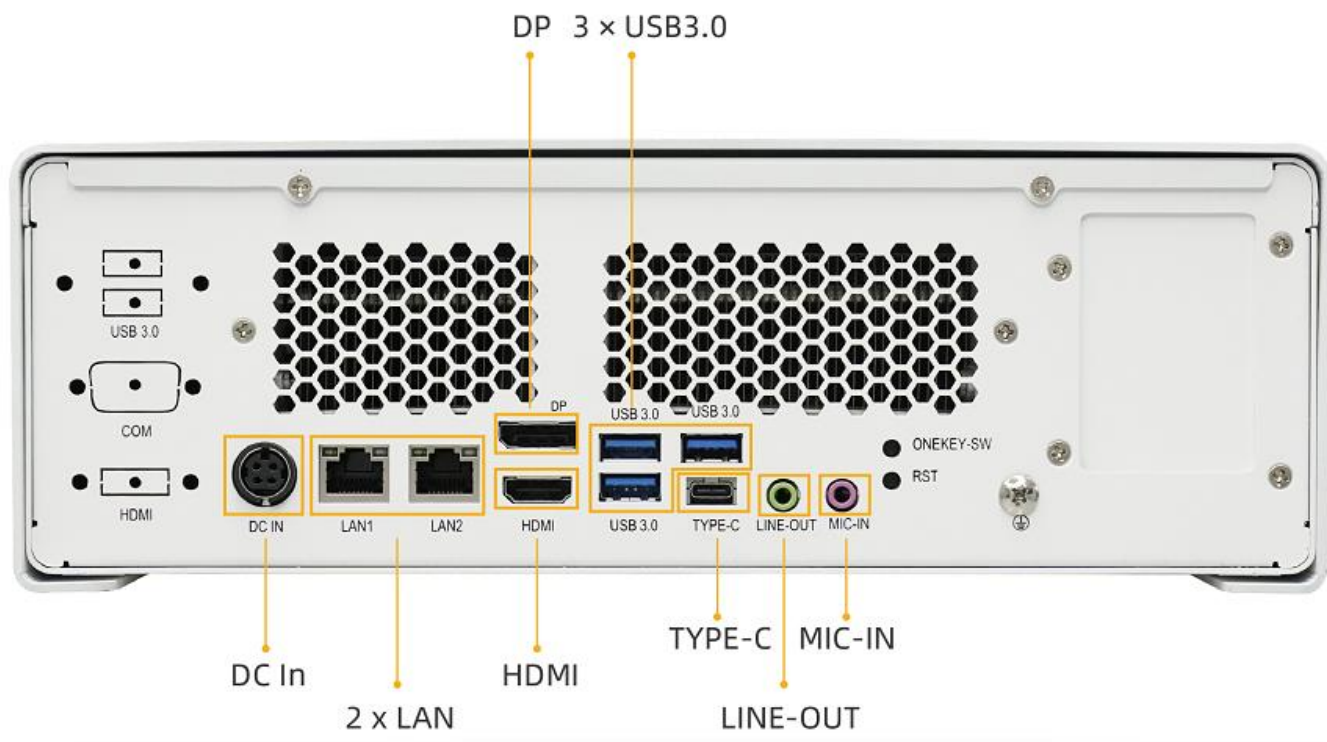
2. Block Diagram

Block Diagram



3. Photos





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