

# S110\_V5



- Fanless Mini PC
- Intel Core i3-i5-i7 4,6,7,10,12,13 th Gen Processor
- Supprt Os Windows 7,8,10,11 pro & IOT, Linux
- Slot Sim Card integrate, modem 3g, 4g Lte



The actual appearance is subject to the final configuration.

## Specifications

<b>MODEL</b>	S110_V5			
<b>Supported OS</b>	Windows 7, 8, 10, 11 - Win 10 IOT - Linux,			
<b>CPU</b>	Model	Intel® Core™ i3-i5-i7 4,6,7,10,12,13 th Gen Processor		
<b>RAM</b>	Memory	1 x DDR3L 204-pin SO-DIMM , Max up to 8GB 4th gen.		
	Memory	1 x DDR4 260-pin SO-DIMM , Max up to 16GB 6-7-8th gen, 32GB 8-10th gen, 64GB 12-13th gen.		
<b>Storage Devices</b>	SATA	1x mSATA 3.0 4th gen, 1x M.2 2280(SATA and NVME protocol supported) 6-7-8-10-12-13th gen.		
	SATA	1x SATA 3.0 slot for 2.5 inch HDD or SSD (Highest data conversion rate SATA3.0)		
<b>Graphic</b>	Display Chip	Intel® UHD 620 - Intel® UHD 10-12th gen - Intel® Iris 550,5100,6100 - Intel® Iris Xe Eligible		
<b>I/O INTERFACE</b>	COM	4 x DB9 COM Port Front		
	Ethernet	2 x Realtek 8111H RJ45 Lan Port		
	USB	4 x USB-3.0 + 4 x USB 2.0 Front/Rear		
	Video & Audio	1 x VGA Port FullHD	1 x HDMI Port 2k 60hz or 4K 24hz (depends on cpu)	1 x LINE out 1 x MIC in
	SIM	1x Slot Sim Card		
	Power supply	12-19V 5A / 60W DC In		
<b>Extended Capabilities</b>	Expansion Port	1x Full Hight Mini PCI-E 3G/4G Module	1x Half Hight Mini PCI-E Wi-Fi Module	
	Other	Watchdog	Auto power on	RTC Wake Up
<b>Environment</b>	Operating Temperature	-20 ~ 60 °C w/ 0.7m/s Airflow		
	Storage Temperature	-30 ~ 70 °C (-40~185 °F)		
	Relative Humidity	10%-90% @ 30° Non-Condensing		
<b>Physical Characteristics</b>	Dimensions	193 x127 x 57.2 mm ( W x H x D )		
	Net Weight	1.5 kg		

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## Components Internal View



The actual appearance and dimensions are subject to the final configuration

## Ordering Information

2.5" SATA 3.0 SSD	mSATA 3.0-M2 2280 SSD	Full Hight Mini PCI-E 3G/4G	Half Hight Mini PCI-E Wi-Fi	DB9 COM	RS232/RS485	USB 3.0	USB 2.0
1	1	1	1	2		4	4
HDMI	VGA	Realtek 8111h RJ45		Slot SIM Crd	Power Supply		
1	1	2		1	12V 5A		

## Processors Info & Available List

CPU	Total Cores	Total Threads	Max Turbo Frequency	Processor Base Frequency	Cache	Bus Speed	TDP	Memory Types
Intel® Core™ i5-4278u	2	4	2.60 GHz	3.10GHz	3 MB Intel® Smart Cache	-	28 W	DDR3L-1600
Intel® Core™ i5-7267u	2	4	3.10 GHz	3.50 GHz	4 MB Intel® Smart Cache	-	28 W	DDR4-2133
Intel® Core™ i5-8260u	4	8	1.60 GHz	3.90 GHz	6 MB Intel® Smart Cache	-	15-25 W	DDR4-2400
Intel® Core™ i7-10610u	4	8	1.80 GHz	4.90 GHz	8 MB Intel® Smart Cache	-	15-25 W	DDR4-2666
Intel® Core™ i3-1215u	6	8	3.30 GHz	4.40 GHz	10 MB Intel® Smart Cache	-	15-55 W	DDR4-3200
Intel® Core™ i5-1235u	10	12	3.40 GHz	4.30 GHz	12 MB Intel® Smart Cache	-	15-55 W	DDR4-3200
Intel® Core™ i5-1335u	10	12	3.40 GHz	4.60 GHz	12 MB Intel® Smart Cache	-	15-55 W	DDR4-3200
Intel® Core™ i7-1355u	10	12	3.70 GHz	5.70 GHz	12 MB Intel® Smart Cache	-	15-55W	DDR4-3200

## Packing List

Deafult Items	Qty
S110_V5 Unit	1
AC-to-DC Adapter 12-19V/5A	1

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