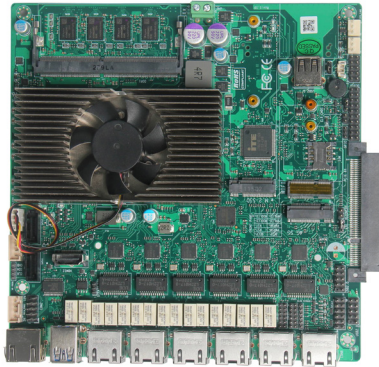


# SB-1135



The actual appearance is subject to the final configuration.

## Specifications

<b>MODEL</b>	SB-1135		
<b>Supported OS</b>	Windows 10 / Windows 11 / Linux		
<b>CPU</b>	Model	Intel® Core Celeron 6305	Intel® Core™ i3-1115G4
		Intel® Core™ i5-1135G7	Intel® Core™ i7-1165G7
<b>RAM</b>	S-DIMM	1 x DDR4 SO-DIMM memory slot; onboard memory, up to 16GB, total up to 48GB	
<b>Storage Devices</b>	M.2	1 x M.2 Key-M 2280, NVMe (PCIe4.0_X4) protocol	
	CF	1 x CF card, 3.3V/5V power supply option. Choose one with SATA1	
	SATA	2 x SATA 3.0, choose one of SATA1 and CF card. Default 2 SATA3.0	
<b>Board Edge I/O Interface</b>	Ethernet	6 x RJ45, Intel i225V 2.5G network, LAN1/2/3/4 with ByPASS	
	USB	2 x USB 3.0	
	RS232	1 x RS232 (RJ45 interface)	
	Video & Audio	1 x VGA port	1 x HDMI 2.0
	PCIe	1 x PCIe 8X (PCIe_x4) expansion, support full height 12CM expansion card (up to 6 network ports)	
	Power supply	DC 9-36V, 90W, copper radiator with fan	
<b>Inboard Expansion Functions</b>	TPM2.0	TPM2.0, optional	
	M.2	1 x M.2 Key-E slot, supports PCIe_X1 and USB 2.0 protocols, 2230 size WIFI/BT devices	
		1 x M.2 Key-B slot, supports USB 2.0 and USB 3.0 protocols, 3G/4G/5G devices	
	Pin	F_Panel, 2x5Pin, pitch 2.54mm	
	PCIe	1 x PCIe_8X (PCIe3.0_X4)	
	RS232	1 x RS232 header, 2x5Pin, pitch 2.54mm	
	USB 2.0	2 groups (4) USB 2.0 headers, 2x5Pin, pitch 2.54mm	
	GPIO	8-bit GPIO header, 2x5Pin, pitch 2.54mm	
Other	1 x 4Pin CPU smart fan, 2 x 3Pin system fan		
	AT/ATX power-on selection		

Environment	Operating Temperature	-20 ~ 60 °C
	Storage Temperature	-40 ~ 85 °C
	Relative Humidity	0% ~ 90% relative humidity, non-condensing
Characteristics	Dimensions	170(L) x 170(W) mm
Regulation	EMC	CE/FCC Class B, CCC



## Processors Info & Available List

CPU	Total Cores	Total Threads	Max Turbo Frequency	Processor Base Frequency	Cache	Bus Speed	TDP	Memory Types
Intel® Core Celeron 6305	2	2	-	1.80 GHz	4 MB Intel® Smart Cache	4 GT/s	15 W	DDR4-3200
Intel® Core™ i3-1115G4	2	4	4.10 GHz	3.00 GHz	6 MB Intel® Smart Cache	4 GT/s	28 W	DDR4-3200
Intel® Core™ i5-1135G7	4	8	4.20 GHz	2.40 GHz	8 MB Intel® Smart Cache	4 GT/s	28 W	DDR4-3200
Intel® Core™ i7-1165G7	4	8	4.70 GHz	2.80 GHz	12 MB Intel® Smart Cache	4 GT/s	28 W	DDR4-3200

## Packing List

Deafult Items	Qty
SB-1135 Unit	1

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