

QY-B5300-1



Products Features:

1. Industrial-Grade Embedded Fanless Mini PC
2. Intel Celeron and Core 4/5/6/7/8/10/12/13th-i3 / i5 / i7 CPU
3. 2*LAN, 6*USB, 2*COM, 1*HDMI, 1*VGA
4. -20°C~60°C Temperature Can Keep 24/7 Work Stably
5. 1*Mini PCIE Expansion Slot, Support 4G and WIFI Module
6. DC 12V Power Input



1.Mother Board Specification:

Model	QY-B5300-1
CPU	N2840 / J1900 i5-4300U / i7-4600U / i3-5005U / i5-5300U / i7-5600U
Memory	1*DDR III RAM Slot, Up to 8GB
Storage	1*MSATA SSD Slot 1*SATA SSD Slot
Display	1*HDMI: Resolution up to 1920*1200@60Hz 1*VGA: Resolution up to 1920*1200@60Hz
Expansion	1*Mini PCIE Slot, Support 4G and WIFI module
Ethernet	2*Realtek 8111E LAN chip (10 / 100 / 1000 Mbps, RJ-45)
USB	1*USB 3.0 (Rear I/O, Type-A) 5*USB 2.0 (Rear I/O, Type-A)
COM	2*RS-232 (COM1-2, DB9 type)
Audio	1*Line-out

2. Device Specification:

BIOS	AMI UEFI BIOS
Power Input	DC 12V
	Support AT / ATX
	1*2.5mm circle type DC plug
Working Temperature	-20°C~60°C, Support 24/7 Working
Size	159.6mm*127mm*53mm
Structure	Fully Enclosed Aluminum Alloy Material
Heat dissipation	Fanless Design, Conduction Heat Dissipation
	An optional chassis with a fan
Installation	Desktop / Embedded / Wall-Mounted
System	Windows 7 / 10 and Linux

3. Ordering Information:

Model	CPU	LAN	USB	COM	Display	RAM	SSD	Expansion	Power
B5300-1	J1900	2	6	2*RS-232	1*HDMI 1*VGA	1*DDR 3	1*MSATA 1*SATA	1*Mini PCIE	
	N2840								
	i5-4300U								
	i7-4600U								
	i3-5005U								
	i5-5300U								
i7-5600U									
B5300-2	J4125	2	4	2*RS-232	2*HDMI	1*DDR 4	1*MSATA 1*SATA	2*Mini PCIE	DC 12V
B5300-3	J6412	2	4	2*RS-232	2*HDMI 1*DP	1*DDR 4	1*MSATA 1*SATA 1*M.2 NVME	1*M.2	
	N100								
B5300-4	i3-6167U	2	8	2*RS-232	1*HDMI 1*VGA	1*DDR 4	1*M.2 NVME 1*SATA	1*Mini PCIE	
	i3-7020U								
	i5-7287U								
	i3-8130U								
	i5-8350U								
	i7-8665U					1*DDR 5			
	i3-10110U								
	i5-10310U								
	i7-10610U								
	i3-1215U								
	i5-1235U								
i7-1355U									

4.CPU Information^[1]:

CPU	Specification
N2840	2 core, 2 total threads, 2.16 GHz to 2.58 GHz, 1 MB cache
J1900	4 core, 4 total threads, 2.00 GHz to 2.42 GHz, 2 MB cache
i5-4300U	2 core, 4 total threads, 1.90 GHz to 2.90 GHz, 3 MB cache
i7-4600U	2 core, 4 total threads, 2.10 GHz to 3.30 GHz, 4 MB cache
i3-5005U	2 core, 4 total threads, 2.000 GHz, 3 MB cache
i5-5300U	2 core, 4 total threads, 2.30 GHz to 2.90GHz, 3 MB cache
i7-5600U	4 core, 8 total threads, 2.60 GHz to 3.20GHz, 4 MB cache

5.System Information:

CPU	Specification
N2840 / J1900	Windows 7 / 10 and Linux
4th / 5th	Windows 7 / 10 and Linux

6.Fittings Information:

RAM ^[2]	DDR 3	4GB / 8GB
Storage ^[3]	MSATA	64GB / 128GB / 256GB / 512GB / 1TB
	SATA	128GB / 240GB / 256GB / 480GB / 512GB / 960GB 1TB / 2TB / 4TB
GSM Module ^[4]	4G	4G+GPS function
WIFI Module		7260AC / AX210

7.Package List:

Adapter	1*12V 3A adapter
Power Cable ^[5]	1*Power Cable

Notices:

[1]: Please check No.2 / No.3 / No.4 version of QY-B5300 if you want to know about another CPU specification.

[2][3]: By default the industrial grade for RAM and SSD are used, and the minimum configuration is recommended to be 4+64GB.

[4]: Different countries and regions are applicable to different versions, please inform the business staff in advance when ordering.

[5]: Different countries and regions use different types of power cord plugs, please inform the business personnel in advance.

8.Chassis with fan:



9. Dimensions:

