

QY-B5800



Products Features:

1. Industrial-Grade Embedded Fanless Mini PC
2. Intel Celeron and Core 4th-i3 / i5 / i7 CPU
3. 2*LAN, 8*USB, 6*COM, 1*HDMI, 1*VGA
4. Anti-Static, Anti-Pulse, Anti-Surge, Anti-Radiation
5. -30°C~70°C Temperature Can Keep 24/7 Work Stably
6. 2*Mini PCIE Expansion Slots, Support 4G and WIFI Module
7. DC 12V Power Input



1. Mother Board Specification:

Model	QY-B5800
CPU	J1900 / i3-4010U / i5-4260U / i7-4650U
Memory	1*DDR III RAM Slot, Up to 8GB
Storage	1*MSATA SSD 1*SATA 3.0 SSD
Display	1*HDMI: Resolution up to 4090*2160@24Hz 1*VGA: Resolution up to 1920*1200@60Hz
Expansion	2*Mini PCIE Slots, Support 4G and WIFI module
Ethernet	2*RTL 8111 LAN chip (10 / 100 / 1000 Mbps, RJ-45)
USB	2*USB 3.0 (Rear I/O, Type-A) 6*USB 2.0 (Rear I/O, Type-A)
COM	2*RS-232 / 422 / 485 (COM1-2, DB9 type) 4*RS-232 (COM3-6, DB9 type)
Audio	1*Line-In+1*Line-Out
GPIO	14 ports GPIO (7*GPI+7*GPO, Phoenix terminal type)

2. Device Specification:

BIOS	AMI UEFI BIOS (Support Watch Dog Timer)
RTC	Support
Power Input	DC 12V (Support DC 9-36V wide voltage power input)
	Support AT / ATX
	2*Pin Phoenix Terminal DC Plug
Working Temperature	-30°C~70°C, Support 24/7 Working
Size	239mm*125mm*58mm
Structure	Fully Enclosed Aluminum Alloy Material
Heat dissipation	Fanless Design, Conduction Heat Dissipation
Installation	Desktop / Embedded / Wall-Mounted
System	Windows 7 / 10 and Linux

3. Ordering Information:

Model	CPU	LAN	USB	COM	Display	RAM	SSD	Expansion	Power Input
QY-B5700	J1900 4th	2	8	6	1*HDMI 1*VGA	1*DDR 3	1*MSATA 1*SATA	2*Mini PCIE	DC 12V

4. CPU Information:

CPU	Specification
J1900	4 core, 4 total threads, 2.00GHz to 2.42 GHz, 2 MB cache
i3-4010U	2 core, 4 total threads, 1.70 GHz, 3 MB cache
i5-4260U	2 core, 4 total threads, 1.40 GHz to 2.70 GHz, 3 MB cache
i7-4650U	2 core, 4 total threads, 1.70 GHz to 3.30 GHz, 4 MB cache

5. System Information:

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

6. Fittings Information:

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

7.Package List:

Adapter	1*12V 5A adapter
Power Cable ^[5]	1*Power Cable
Terminal-1	1*2 Pin Phoenix terminal
Terminal-2	2*8 Pin GPIO Phoenix terminal

Notices:

[1][2]: By default the industrial grade for RAM and SSD are used, and the minimum configuration is recommended to be 4+64GB.

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

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

8.Dimensions:

