

## QY-B4000



### Products Features:

1. Industrial-Grade Embedded Fanless Mini PC
2. ARM Rockchip RK3568 CPU
3. 2\*LAN, 4\*USB, 4\*COM, 1\*HDMI
4. On board LPDDR4X 2/4/8GB
5. 1\*eMMC 16/32/64GB, 1\*TF card, 1\*M.2 Key-B slot
6. 1\*Mini PCIE slot for 4G module
7. DC 12V Power Input with Overvoltage Protection
8. Anti-Static, Anti-Pulse, Anti-Surge, Anti-Radiation



## 1. Mother Board Specification:

<b>Mother Board Model</b>	QY-MB-RK3568-3.5		
<b>CPU</b>	Rockchip RK3568		
<b>Memory</b>	LPDDR 4, on board		
	2GB	4GB	8GB
<b>Storage</b>	16GB	32GB	64GB
	1*SATA SSD Slot 1*M.2 Key-B SSD slot, 2242 1*TF Card slot		
<b>Display</b>	1*HDMI: Resolution up to 4096*2304@60Hz		
<b>Expansion</b>	1*Mini PCIE slot for 4G module		
	1*Realtek WIFI+Bluetooth module on board		
<b>Ethernet</b>	2*Realtek 1Gbps PCIe Ethernet Controller, RJ-45 type		
<b>USB</b>	1*USB 3.0 (Rear I/O, Type-A) 3*USB 2.0 (Rear I/O, Type-A)		
<b>COM</b>	2*RS-232 / 485 2*RS-232		
<b>Audio</b>	1*Audio Codec with MIC / Line-out and Amplifier		

## 2. Device Specification:

<b>Power Input</b>	<b>DC 12V</b> (Support DC 9-36V wide voltage power input)
	<b>Support AT / ATX</b>
	<b>1*2 Pin Phoenix terminal type DC plug</b>
<b>Working Temperature</b>	<b>-20°C~60°C, Support 24/7 Working</b>
<b>Size</b>	<b>213mm*138mm*38mm</b>
<b>Structure</b>	<b>Fully Enclosed Aluminum Alloy Material</b>
<b>Heat dissipation</b>	<b>Fanless Design, Conduction Heat Dissipation</b>
<b>Installation</b>	<b>Desktop / Embedded / Wall-Mounted</b>
<b>System</b>	<b>Android 11 and Linux</b>

## 3. Ordering Information:

Model	CPU	LAN	USB	COM	Display	RAM	SSD		Expansion	Power
QY-B4000	RK3568	2	4	4	1*HDMI	2GB	16GB	1*TF	1*Mini PCIE	DC 12V
						4GB	32GB	1*SATA		
						8GB	64GB	1*M.2		

## 4. CPU Information:

CPU	Specification
RK3568	Quad-Core Cortex-A55, up to 2.0GHz

## 5. System Information:

CPU	Specification
RK3568	Android 11 / Linux

## 6. Fittings Information:

SSD	SATA	128GB / 240GB / 256GB / 480GB / 512GB / 960GB 1TB / 2TB / 4TB
	M.2 NVME	128GB / 256GB / 512GB / 1TB / 2TB / 4TB
GSM Module <sup>[1]</sup>	4G	4G+GPS function
	5G	5G+GPS function

## 7.Package List:

Adapter	1*12V 5A adapter
Power Cable <sup>[2]</sup>	1*Power Cable
Antenna	1*antenna for WIFI

### Notices:

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

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

## 8.Dimensions:

