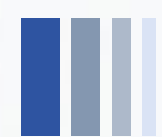


QY-B5000 High Performance Series

Products Features:

1. Industrial-Grade Embedded Fanless Mini PC
2. Intel Core 13th-i5 / i7 CPU
3. 2*LAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, 14*GPIO
4. 2*Mini PCIE Expansion Slots, Support 4G and WIFI Module
5. DC 9-36V Power Input With Overvoltage Protection
6. -30°C~70°C Temperature Can Keep 24/7 Work Stably
7. Anti-Static, Anti-Pulse, Anti-Surge, Anti-Radiation



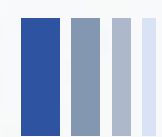


1.Mother Board Specification:

Model	QY-B5000
CPU	i7-1355U
Memory ^[1]	2*DDR V RAM Slots, Up to 64GB
Storage	1*MSATA SSD Slot 1*M.2 NVME SSD Slot 1*SATA SSD Slot
Display	1*HDMI: Resolution up to 4096*2304@60Hz 1*VGA: Resolution up to 1920*1200@60Hz
Expansion	1*Mini PCIE+1*M.2 Slots Support 4G/5G and WIFI module
Ethernet	2*Intel i225V LAN Chip (10 / 100 / 1000 / 2500 Mbps, RJ-45 Type)
USB	4*USB 3.0+2*USB 2.0 (Type-A)
COM	2*RS-232 / 422 / 485 (DB9 Type) 4*RS-232 (DB9 Type)
Audio	1*Line-In+1*Line-Out
GPIO	14 ports GPIO (7*GPI+7*GPO, Phoenix Terminal Type)

Notes:

[1]: The maximum memory capacity and the maximum capacity per strip supported by this motherboard depend on the CPU.



2.Device Specification:

Watch Dog	Support
Power Input	DC 9-36V With Overvoltage Protection
	Support Auto-Start
	3 Pin Phoenix Terminal Type DC Plug
Working Temperature	-30℃~70℃, Support 24/7 Working
Structure	Fully Enclosed Aluminum Alloy Material
Heat Dissipation	Fanless Design, Conduction Heat Dissipation
Installation	Desktop / Embedded / Wall Mount
Size	236mm*157mm*72mm
System	Windows and Linux

3.Ordering Information:

Model	CPU	LAN	USB	COM	Display	RAM	SSD	Expansion	Power
QY-B5000	13th	2	6	4*RS-232 2*RS-232/422/485	1*HDMI 1*VGA	2*DDR 5 Up to 96GB	1*M.2 NVME 1*MSATA 1*SATA	2*M.2	DC 9-36V

4.CPU Information:

CPU	Specification	
i7-1355U	10 core, 12 total threads, 3.70 GHz to 5.00 GHz, 12MB cache	Max to 96GB for 2*RAM 5 Slots

5.System Information:

CPU	System
11th/ 12th / 13th	Windows 10 / 11 and Linux

6.Fittings Information:

	DDR 5	4GB / 8GB / 16GB / 32GB / 48GB
Storage	MSATA	64GB / 128GB / 256GB / 512GB / 1TB
	M.2 NVME	128GB / 256GB / 512GB / 1TB / 2TB / 4TB
	SATA	120GB / 128GB / 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB / 4TB
GSM Module	4G	4G+GPS
	5G	5G+GPS
WIFI Module		7260AC / AX210

7.Package List:

Adapter	1*12V 7A Adapter
Power Cable	1*Power Cable
Terminal	2 Pin Phoenix Terminal For Power Switch
Terminal	16 Pin phoenix terminal for GPIO

8.Dimensions:

