

QY-B6000-2E



Products Features:

1. Industrial-Grade Embedded Fanless Mini PC
2. Intel B85 and B365 Chipset
3. Intel Celeron G Series and Core 4/6/7/8/9-i3/i5/i7 Desktop CPU
4. 2*LAN, 8*USB, 6*COM, 1*HDMI, 1*DVI, 1*DP
5. 1*PCIE 16x+1*PCIE 1x or 2*PCI Expansion Slots
6. 1*Mini PCIE Expansion Slot, Support 4G and WIFI Module
7. Anti-Static, Anti-Pulse, Anti-Surge, Anti-Radiation
8. -30°C~70°C Temperature Can Keep 24/7 Work Stably
9. DC 9-36V Power Input with Overvoltage Protection



1-1.B85 Mother Board Specification:

Model	QY-B6000-2E
Chipset	Intel B85
CPU	Celeron G series 4th-i3 / i5 / i7 Desktop CPU
Memory^[1]	2*DDR III RAM Slots, Up to 16GB
Storage	1*M.2 NVME SSD 1*MSATA SSD 2*SATA 3.0 SSD
Display	1*HDMI: Resolution up to 4090*2160@60Hz 1*DP: Resolution up to 4090*2160@60Hz 1*DVI: Resolution up to 1920*1200@60Hz
Expansion	1*Mini PCIE Slot, Support 4G and WIFI module 1*PCIE 16x+1*PCIE 1x or 2*PCI Slots
Ethernet	2*Intel i211V LAN chip (10 / 100 / 1000 Mbps, RJ-45)
USB	6*USB 3.0 (Type-A) 2*USB 2.0 (Type-A) 1*USB 2.0 (Built in)
COM	2*RS-232 / 422 / 485 (DB9 type) 4*RS-232 (DB9 type)
Audio	1*Line-In+1*Line-Out

1-2.B365 Mother Board Specification:

Model	QY-B6000-2E
Chipset	Intel B365
CPU	Celeron G Series Pentium G Series 6 / 7 / 8 / 9th-i3 / i5 / i7 / i9 Desktop CPU
Memory^[2]	2*DDR III RAM Slots, Up to 64GB
Storage	1*M.2 NVME SSD 1*MSATA SSD 2*SATA 3.0 SSD
Display	1*HDMI: Resolution up to 4090*2160@60Hz 1*DP: Resolution up to 4090*2160@60Hz 1*DVI: Resolution up to 1920*1200@60Hz
Expansion	1*Mini PCIE Slot, Support 4G and WIFI module 1*PCIE 16x+1*PCIE 1x or 2*PCI Slots
Ethernet	2*Intel i225V LAN chip (10 / 100 / 1000 / 2500 Mbps, RJ-45)
USB	6*USB 3.0 (Type-A) 2*USB 2.0 (Type-A) 1*USB 2.0 (Built in)
COM	2*RS-232 / 422 / 485 (DB9 type) 4*RS-232 (DB9 type)
Audio	1*Line-In+1*Line-Out

Notes:

[1][2]: The maximum memory capacity and the maximum capacity per strip supported by this motherboard depend on the CPU

2. Device Specification:

BIOS	AMI UEFI BIOS (Support Watch Dog Timer)
RTC	Support
Power Input	DC 9-36V, Overvoltage Protection
	Support AT / ATX
	3*Pin Phoenix Terminal DC Plug
Working Temperature	-30°C~70°C, Support 24/7 Working
Size	290.5mm*232mm*117.5mm
Structure	Fully Enclosed Aluminum Alloy Material
Heat dissipation	Fanless Design, Conduction Heat Dissipation
Installation	Desktop / Embedded / Wall-Mounted
System	Windows XP / 7 / 10 / 11 and Linux

3.Ordering Information:

Model	Chipset	LAN	USB	COM	Display	RAM	SSD	Expansion	Power Input			
B6000-2E	B85	2	8	6	1*HDMI 1*DVI 1*DP	2*DDR 3	1*M.2 NVME 1*MSATA 2*SATA	1*Mini PCIE 1*PCIE 16X or 2*PCI	DC 9-36V			
	B365					2*DDR 4						
B6000-4E	B85	4		8		2*DDR 3 2*DDR 4				1*M.2 NVME 1*MSATA 2*SATA	1*Mini PCIE 1*PCIE 16X or 2*PCI	DC 9-36V
	B365											
B6000-6E	B85	6		10								
	B365											

4.CPU Information^[1]:

CPU	Gen	List
B85	Core 4th	i3: 4130、4130T、4330、4330T、4350、4350T i5: 4570、4570S、4570T、4690、4690S、4690T i7: 4770、4770S、4770T、4790、4790S、4790T
	Celeron G	G1820、G1820T、G1830、G1840、G1840T、G1850、G1850T
B365	Core 6th	i3: 6100、6100T、6300、6300T、 i5: 6400、6400T、6500、6500T、6600、6600T i7: 6700、6700T
	Core 7th	i3: 7100、7100T、7300、7300T i5: 7500、7500T、7600、7600T i7: 7700、7700T
	Core 8th	i3: 7100、7100T、7300、7300T i5: 7500、7500T、7600、7600T i7: 7700、7700T
	Core 9th	i3: 7100、7100T、7300、7300T i5: 7500、7500T、7600、7600T i7: 7700、7700T
	Celeron G	G4900、G4900T、G4930、G4930T
	Pentium G	G5400、G5400T、G5420、G5420T、G5600、G5600T

5. System Information:

CPU	Specification
B85-Celeron G Series	Windows XP / 7 / 10 and Linux
4th / 6th	Windows 7 / 10 and Linux
7th ^[2]	Windows 7 / 10 and Linux
8th / 9th	Windows 10 / 11 and Linux
B365-Pentium G Series	Windows 10 / 11 and Linux
B365-Celeron G Series	Windows 10 / 11 and Linux

6. Fittings Information:

RAM ^[3]	DDR 3	4GB / 8GB
	DDR 4	4GB / 8GB / 16GB / 32GB
Storage ^[4]	M.2 NVME	128GB / 256GB / 512GB / 1TB / 2TB / 4TB
	MSATA	64GB / 128GB / 256GB / 512GB / 1TB
	SATA	128GB / 240GB / 256GB / 480GB / 512GB / 960GB 1TB / 2TB / 4TB
GSM Module ^[5]	4G	4G+GPS function
WIFI Module	7260AC / AX210	
GPU	NVIDIA T600	

7. Package List:

Adapter	1*12V 10A adapter
Power Cable ^[6]	1*Power Cable
Terminal-1	1*2 Pin Phoenix terminal

Notices:

[1]: The CPU in the list are recommended. If you need other CPU supported by B85 and B365, please communicate with the business personnel.

[2]: The windows 7 system doesn't have the USB 3.0 driver.

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

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

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

8.Dimensions:

