ELSKY IPC6900-QM12U Mini PC Specifications

Mini PC size



Schematic diagram of HDMI+VGA+single network interface



Schematic diagram of HDMI+VGA+dual network interface



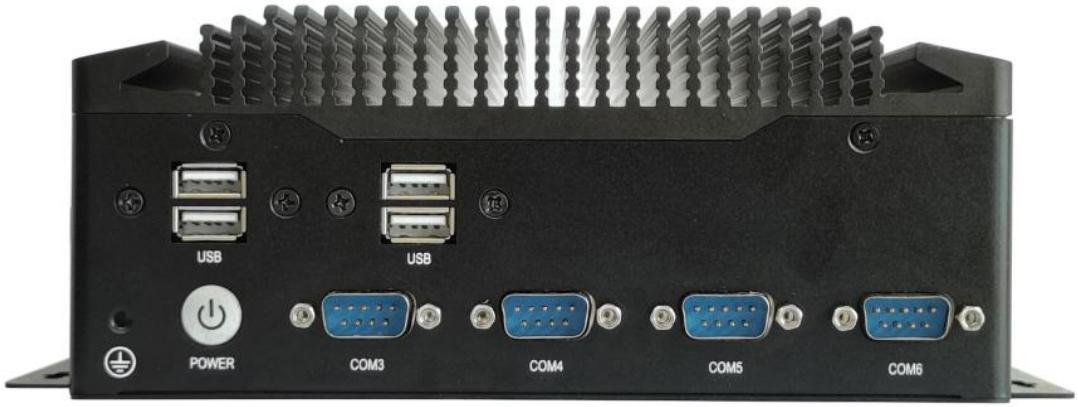
Schematic diagram of HDMI+DP+single network interface



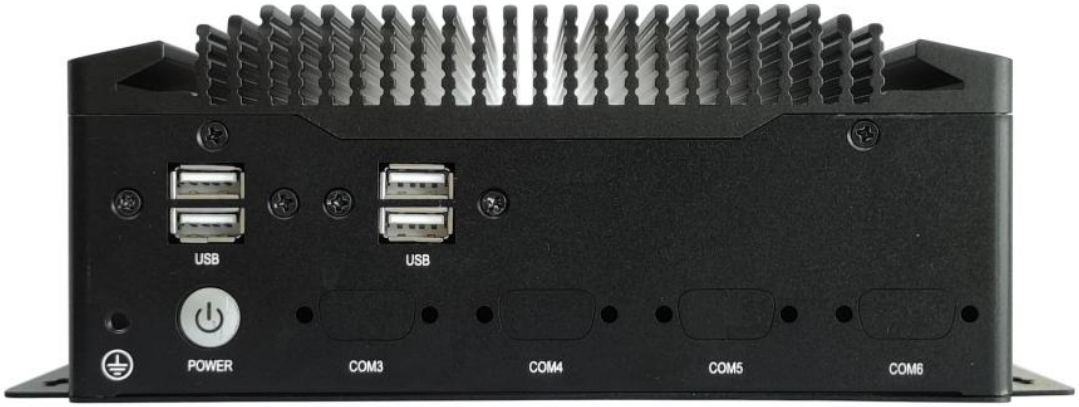
Schematic diagram of optional Phoenix terminals



Schematic diagram of 6COM interface



2COM interface diagram



Schematic diagram of the black Mini PC



The picture is for reference only, please prevail in kind!

Product Model Order Options

Motherboard model	CPU	4K	LAN	COM	USB2.0	USB3.2	SSD	Memory	Power
QM12U	Support Alder Lake 12th generation U series I3, I5, I7	support	1	2/6	6	2	1*M.2 1*2.5 inch SSD/HDD	2*NB-DDR4 MAX 64G	+12V/19V
			2	2/6	4	2			

Product specification information

Compatible PC model	IPC6900-QM12U Series Type B Block	
PC size	220mm (L) * 210mm (W) * 80mm (H)	
Cooling system	No fan + case integrated heat dissipation	
Color	black	
CPU	Support Alder Lake 12th generation U series I3-1215U, I5-1235U, I7-1250U and other CPUs	
Power supply	1*DC_ IN Optional 1*4Pin Phoenix terminal (custom, unwired by default)	The inner diameter of the DC plug is 2.5MM, supporting 12V/19V The maximum turbo frequency power consumption is about 55W, and it is recommended to use a power supply above 12V 7A or 19V 4A
Memory	2*SO DIMM slots	NB-DDR4 memory, support 2133/2400/2666/2933/3200MHz memory, up to 64G
Internet function	1/2*LAN interface (Single network and dual network optional)	Single network supports Intel WGI219V Gigabit network card; Dual network support Intel WGI219V+Realtek 8111H; Support wake-up on network, PXE function;
	1*M.2-WIFI interface	Support Key-E interface WiFi/Bluetooth module
	1*4G/5G-M.2 interface	Support Key-B interface M.2 5G (3052/3042) module or M.2 4G (3042) module
Display function	Intel(R) UHD Graphics ultra-core graphics card, support single display, dual display copy, dual display expansion, dual display under SHELL	
	1*HDMI 2.0 interface	Support 4K resolution 4096/3840*2160@60Hz
	1*VGA DB15 interface	Support resolution 1920*1080@60Hz
	1*DP interface (optional)	Support 4K resolution 4096/3840*2160@60Hz
	Choose one of VGA interface and DP interface	
USB function	2*USB3.2 interface	Standard USB3.2 Gen1 interface, the maximum transmission bandwidth is 10.0Gbps
	6*USB2.0 interface	Standard USB2.0 interface, the maximum transmission bandwidth is 480Mbps
	Dual network PC supports 4*USB2.0 interface	
Sound function	Integrated Realtek ALC662/660/897 HD digital audio decoder, 6-channel high-fidelity audio controller;	
	1*LINE_OUT interface	Support audio output (green)
	1*MIC_IN interface	Support microphone input (red)

Hard disk function	1*M.2 interface	Support Key-M interface M.2 2280, optional 2242; default SATA protocol, can be changed to NVME protocol
	1*SATA1 interface	Support 2.5-inch SSD/HDD hard disk
Switch function	1*POWER button	Switch button
Other I/O	2COM/6COM optional	RS232 is supported by default; COM1 supports RS232/RS422/RS485 optional (BIOS setting)
	2*WiFi antenna interface	External WiFi Antenna Mast
Operating environment	Working temperature: -10℃~60℃ Working humidity: 5%~95% relative humidity, non-condensing Storage temperature: - 20℃~ 70℃	
BIOS	AMI BIOS, support power-on and start-up, scheduled start-up, remote switch machine intelligent identification of equipment	
Watch dog	Watchdog programming, support hardware reset function (256 levels, 0~255 seconds)	
Operating system	Support Windows11, Windows 10, Linux, etc.	

The following CPU information is for reference only, please consult us for specific needs!

CPU specifications	CPU brand	CPU model	Core/Thread	Main frequency	Turbo frequency	CPU basic power consumption (W)	Maximum turbo power consumption (W)
12th generation I3	core	1215U	Six cores and eight threads	1.2G	4.4G	15	55
		1210U	Six cores and eight threads	1.0G	4.4G	9	29
12th generation I5	core	1235U	Ten cores and twelve threads	1.3G	4.4G	15	55
		1240U	Ten cores and twelve threads	1.1G	4.4G	9	29
		1230U	Ten cores and twelve threads	1.0G	4.4G	9	29
		1245U	Ten cores and twelve threads	1.6G	4.4G	15	55
12th generation I7	core	1250U	Ten cores and twelve threads	1.1G	4.7G	9	29
		1260U	Twelve cores and sixteen threads	1.1G	4.7G	9	29
		1265U	Ten cores and twelve threads	1.8G	4. 8G	15	55
		1255U	Ten cores and twelve threads	1.7G	4.7G	15	55

Illustrate

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We will not be responsible for any direct, indirect, intentional or unintentional damages and hidden dangers caused by improper installation and use.

Before ordering the product, please ask the dealer to learn more about whether the product performance meets your needs.

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