

ELSKY IPC6900- QM12U QM13U Industrial PC

Specification

Diagram of pc
size



HDMI+VGA+single network interface



HDMI+VGA+Dual network interface



HDMI+DP+single network interface



Schematic diagram of optional Phoenix terminals



6COM interface



2COM interface



diagram of the black pc



Optional silver
pc



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

Product Model Order Options:

Model	CPU	4K	Mini-PCIE	LAN	COM	USB2.0	USB3.2	Type-c (Optional)	Memory	Power
QM12U-2C	Support Intel Alder Lake 12th 13 th Generation Core i3, i5, i7, i9	√	Default M.2 2280 / 可改支持 MSATA	1	2	5	4	1	2*NB-D DR4 MAX 64G	12/19V
QM12U-6C		1		6	5	4	1			
QM12U-2L2C		2		2	3	4	1			
QM12U-2L6C		2		6	3	4	1			
<p>Realtek sound card motherboard supports 9 * USB (4 * USB3.2, 5 * USB2.0); 10 * USB is optional</p> <p>USB sound card motherboard supports 8 * USB (3 * USB3.2, 5 * USB2.0); 9 * USB is optional</p>										

Product Specification

Pc size	220mm (L) *210mm (W) *80mm (H)	
cooling system	No fan + case integrated heat dissipation	
color	silver / black optional	
CPU	Support 13th generation Raptor Lake CPU: I3-1315U、I5-1335U、I7-1355U, etc. Support Alder Lake12th genI3-1200P、I3-1215U、I5-1245P、I5-1235U、I5-12500H、I7-1250U、I7-1280P、I7-12800H、I9-12900H etc CPU	
power supply	1*DC_IN Optional 1*4Pin Phoenix terminal (custom, unwired by default)	The inner diameter of the DC head is 2.5MM, supporting 12V The full load power consumption of the motherboard is about 60W, it is recommended to use a power supply of 12V7A or 19V6A or more
Memory	QM13U	2*NB-DDR4 memory, support 2133/2400MHz memory, max support 64G
	QM12U	2*NB-DDR4 memory, support 2133/2400/2666MHz memory, max support 64G
Internet function	1/2*LAN interface (Single network and dual network optional)	Single network supports Realtek 8111H Gigabit network card, Dual network support Realtek 8111H+I219; support wake-up on LAN, PXE function;
	1*MINI_PCIE interface	Support WIFI/4G/Bluetooth module
display function	Intel HD Graphics 630 Ultra Core Graphics Support single display, dual display copy, dual display expansion, single display under DOS	
	1*HDMI2.0 interface	Support 4K resolution 4096/3840*2160@60Hz
	1*VGA DB15 interface	Support resolution 1920*1200@60Hz

	1*DP interface (optional)	Support 4K resolution 4096/3840*2160@60Hz
	Support VGA interface or DP interface to choose one	
USB function	2*USB3.0 interface	Standard USB3.1 Gen2 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 ALC897 HD digital audio decoder, 6-channel high-fidelity audio controller; Optional support BBH621 USB audio chip	
	1*LINE_OUT interface	Support audio output (green)
	1*MIC_IN interface	Support microphone input (red)
Hard disk function	1*M.2 interface	M.2 2280 supported by default, 2242 optional; SATA and NVME (PCIe) protocols supported by default
	1*SATA2 interface	Support 2.5-inch SSD/HDD hard disk
	Optional 1*MSATA interface	Support MSATA hard disk (after changing to MSATA, SATA1 no function and no WiFi function, SATA2 normal use)
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°C~60°C Working humidity: 5%~95% relative humidity, non-condensing Storage temperature: -20°C~70°C	
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)	
OS	Support Windows 11, Windows 10, LINUX, etc.	