

1 K5-N12 Mini PC

Intel Core i5-12450H



Parameter list

CPU	Intel Core i5-12450H 2.00 GHz-4.40GHz	
Cores/Threads	8 Cores/ 12 Threads	
Cache	12 MB Intel® Smart Cache	
TDP	45W	
Architecture	Alder Lake	
Memory	2*SO-DIMM DDR4 slots, max support64G	
Storage	M.2 M KEY 2280 SSD (SATA/NVME) Adaptive signal	
Audio Card	HD Audio realtek ALC897	
Graphics	Intel® UHD Graphics for 12th Gen Intel® Processors	
Network	10/100/1000Mbps adaptive RTL 8111H	
Extendable	WIFI+BT Module(M.2 E KEY 2230), support WIFI6	
OS Support	Windows 10、 Windows 11、 Linux	
I/O Ports	3*USB3.0、 4*USB2.0、 1*HDMI、 1*DP、 1*Ethernet、 1*DC、 1*MIC-IN、 1*LINE-OUT、 1*AUDIO (2-in-1 audio port)	
Built-in socket	2*SATA、 1*LVDS、 1*EDP、 1*Brightness Button、 1*CPU FAN、 1*SYS FAN、 1*F-audio、 1*COM、 1*ATX Power Supply (12V 4pin)、 1*USB 3.0 Header、 3*USB 2.0 Headers、 1*Power LED Interface、 1*Speaker	
		BIOS Function
Display mode	Support dual display (HDMI+DP) copy mode and extended mode. HDMI max resolution 4096*2304@60Hz ; DP max resolution: 7680x4320@60Hz	
Boot Mode	UEFI PXE / Auto-power-on / Wake-on-LAN / Scheduled-power-on	
Intel Virtualization	Support VT-x, support VT-d	
Intel Hyper-Threading	Support	
Working Environment	Temperature : -10~60 °C	Relative Humidity: 0~95%(No Condensation)
Working Voltage	DC 12V 7A	
Static Electricity	Contact discharge 2K, Air discharge 6K	
Storage Environment	Temperature: -10~60 °C	Relative Humidity: 0~95%(No Condensation)

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I/O Port

01	USB3.0	02	USB2.0	03	AUDIO (2-in-1 audio port)
04	USB2.0	05	Indicator light	06	Power On/Off
07	DC in (12V input)	08	HDMI	09	DP
10	USB2.0*2	11	Ethernet	12	USB3.0*2
13	MIC&SPK				

Size	L 200mm*W 180mm*H 40mm	Weight	Net: 0.9kg	Gross	1.75kg
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Specification

Features	Full metal casing with air cooling for stable performance and unique design.		
Heat Dissipation	Active cooling (air cooling)		
Bracket	Dedicated bracket; Support VESA bracket		
Packing Box	Kraft paper color box+Anti-fall corrugated outer box		
Packing List	Power Adapter * 1 User Manual * 1	Power Cable * 1 QA Card * 1	Bracket * 1 Screws * 1
Packing method	With 1、5、10pcs / box		