

K5-F23 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 DDR5 slot, max support 32G	
Storage	SSD(M.2280 SATA/NVME)	
	Optional HDD (Supports 2.5-inch mechanical hard drive expansion)	
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; 1*Mini PCIE, support 4G module with available SIM slot	
OS Support	Windows 10、 Windows 11、 Linux	
I/O Ports	4*USB3.2、 4*USB2.0、 2*HDMI、 2*DP、 1*Ethernet、 1*DC、 1*MIC-IN、 1*LINE-OUT、 1*TYPE-C 、 1*CLS	
Built-in socket	1*9PIN USB pin、 1*SATA & SATAPWR pin、 1*JATX AT pin、 1*8PIN F-PANEL pin、 1*14 PINTPM pin、 1*Speaker pin、 2*COM pin、 1*10PIN GPIO pin、 1*PW IN Phoenix terminal、 1*SATA PCIE hard disk mode switching pin	
BIOS Function		
Display mode	Supports four-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	USB2.0*2	02	Ethernet
			03	USB2.0*2
	04	DP*2	05	HDMI*2
			06	DC 12V
	07	Power On/Off	08	USB3.2*4
			09	Reset
	10	Type-C	11	SPK input & MIC Output
			12	Indicator light
Size	L135.5mm*W 126.5mm*H 50mm		Net	Net: 0.8kg
			Gross	1.2kg

Specification

Features	Using aluminum profile shell + plastic color frame, the whole machine is stable, compact and has a novel and unique appearance.		
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		