

MINI PC K3-8th-F8E

Intel Core I3 8145U



Parameter list

CPU	Intel Core I3 8145U 2.10GHz 3.9GHz	
Cores/Threads	2 Cores / 4 Threads	
Cache	4 MB Intel Smart Cache	
TDP	15W	
Architecture	Whiskey Lake	
Memory	1*DDR4L slot, max support 8GB	
Storage	SSD (There is one mSATA and M.2 SATA interface, only one of them can be selected)	
	Support HDD expansion	
Audio Card	HD Audio realtek ALC 662	
Graphics	Intel UHD Graphics 620	
Network	10/100/1000Mbps Adaptive, RTL 8111F	
Extendable	WIFI+Bluetooth Module(M.2 PCIE) or 3G/4G Module(M.2 PCIE)	
OS Support	Windows (Not include XP) & Linux	
I/O Ports	4*USB2.0、 2*USB3.0、 1*VGA、 1*HDMI、 1*DP、 1*RJ45、 1*RS232、 1*DC、 1*MIC-IN、 1*LINE-OUT、 1*Type-C	
Internal I/O Ports	2*USB port	
BIOS Function		
Display Mode	4K/ Support Dual display (Duplicate mode, Extend mode) Max Resolution(VGA): 1920*1080@60Hz; Max Resolution(HDMI): 4096*2304@24Hz	
Boot Mode	PXE / Auto-power-on / Wake-on-LAN	
Intel Virtualization	Support VT-x, VT-d	
Intel Hyper-Threading	Support	
Working Environment	Temperature : -10~60 ℃	Relative Humidity : 0~95% (No Condensation)
Working Voltage	DC 12V - 5A	
Static Electricity	Contact discharge 2K, Air discharge 6K	
Storage Environment	Temperature : -10~60 ℃	Relative Humidity : 0~95% (No Condensation)

2

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01	Power ON/OFF	02	USB3.0*2	03	Type-C
04	MIC+SPK	05	RS232 COM	06	4*USB2.0
07	RJ45 Gigabit LAN	08	VGA	09	HDMI
10	DP	11	DC12V Input		
Size	L 176mm*W 178.4mm*H 29.5mm			Weight	Net : 0.59kg Gross : 1.60kg

Specification

Features	Made of alloy material, and the bottom is designed with metal mesh, which has good heat dissipation, beautiful appearance, light and simple.		
Heat Dissipation	with Fan		
Bracket	Dedicated bracket; Support VESA bracket or standing use		
Packing Box	Kraft paper color box + Anti-fall corrugated outer box		
Packing List	Power Adapter * 1	Power Cable * 1	Bracket * 1
	User Manual * 1	QC Card * 1	Screws * 1

Performance

Overall Performance Mark	Master Lu 5.20				CINBENCH R20		3D MARK11		PC MARK 10		
	CPU	26502	GPU	9825	594		P1381		-		
Video Experience	Level 1 Level 2 Level 3 Level 4 Level 5										
Game Experience	Level 1 Level 2 Level 3 Level 4 Level 5										
Office Experience	Level 1 Level 2 Level 3 Level 4 Level 5										