

1 K8-F12 Mini PC

Intel Pentium N3710



CPU	Intel Pentium N3710 1.60GHz~2.6GHz	
Cores/Threads	4 Cores / 4 Threads	
Cache	2MB L2 Cache	
TDP	6W	
Architecture	Braswell	
Memory	1*DDR3 Lslot, max support 8GB	
Storage	SSD(mSATA)	
	Optional HDD (the motherboard supportst he expansionof a 2.5-inch hard drive) The shell does not support HDD expansion	
Audio Card	HD Audio realtek ALC 662	
Graphics	Intel HD Graphics	
Network	4 x INTEL I226-V (2.5 Gigabit Ethernet)	
Extendable	WIFI+Bluetooth(M.2) or 3G/4G Module(M.2) (There is a SIM card slot on the motherboard)	
OS Support	Windows (Not include XP) & Linux	
I/O Ports	2*USB3.0、1*VGA、1*HDMI、4*Ethernet、1*DC	
Internal I/O Ports	1*SIM1、1*PW_IN (Phoenix terminal)、1*CPU_FAN、1*JBAT、 1*FP_USB21(Expand to 2*USB2.0)、1*SATA_PWR1、1*SATA1、1*FP	
		BIOS Function
Display Mode	4K / Support Dual display (Duplicate mode, Extend mode)	
	Max Resolution(VGA): 1920*1080@60Hz; Max Resolution(HDMI 1.4): 3840*2160@30Hz	
Boot Mode	PXE / Auto-power-on / Wake-on-LAN	
Intel Virtualization	Support VT-x, Not Support VT-d	
Intel Hyper-Threading	Not Support	
Working Environment	Temperature: -10~60 °C	Relative Humidity: 0~95% (No Condensation)
Working Voltage	DC 12V - 3A	
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	Power ON/OFF	02	USB3.0*2	03	HDMI
04	VGA	05	RESET	06	Ethernet*4
07	Indicator light	08	DC12V Input		

Size	L 133.8mm*W 126.6mm*H 36.5mm	Weight	Net : 0.6kg	Gross : 1.5kg
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Specification

Features	Use aluminum alloy shell, industrial style, heavy and solid, unique appearance design		
Heat Dissipation	Fanless Passive Cooling		
Bracket	Dedicated bracket; Support VESA bracket		
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	3DMARK 11	PC MARK 10
	CPU	20597	GPU	5044	267	P476	1112
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						