

F12/F13 Series

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MINI PC F13

Intel Celeron N2840



Parameter list

CPU	Intel Celeron N2840 2.16 GHz
Cores/Threads	2 Cores / 2 Threads
Cache	1MB L2 Cache
TDP	7.5W
Architecture	Bay Trail
Memory	1*DDR3L slot, max support 8GB
Storage	SSD (mSATA) Optional HDD (supports the expansion of a 2.5-inch hard drive)
Audio Card	HD Audio realtek ALC 662
Graphics	Intel HD Graphics
Network	10/100/1000Mbps Adaptive, RTL 8111F
Extendable	WIFI+Bluetooth Module(M.2 PCIE)
OS Support	Windows (Not include XP) & Linux
I/O Ports	4*USB2.0、2*USB3.0、2*HDMI、2*RJ45、1*DC、1*MIC-IN、1*LINE-OUT
Internal I/O Ports	1*FP、1*JP3、4*COM、1*GPIO

BIOS Function

Display Mode	1080P/ Support Dual display (Duplicate mode, Extend mode) Max Resolution(VGA): 1920*1080@60Hz; Max Resolution(HDMI): 1920*1080@60Hz
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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1 2 3 4 5 6 13



7 8 9 10 11 12

01	Power ON/OFF	02	Indicator light	03	USB3.0*2
04	USB2.0*2	05	SPK	06	MIC
07	USB2.0*2	08	RJ45 Gigabit LAN	09	RJ45 Gigabit LAN
10	HDMI	11	HDMI	12	DC12V Input
Size	L 133.8mm*W 126.6mm*H 36.5mm			Weight	Net : 0.65kg Gross: 1.3kg

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	VESA 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	GPU	286	P266	1424
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				