

# K8-F12-N3700

## Intel Pentium N3700



<b>CPU</b>	Intel Pentium N3700 1.60GHz 2.4GHz
<b>Cores/Threads</b>	4 Cores / 4 Threads
<b>Cache</b>	2MB L2 Cache
<b>TDP</b>	6W
<b>Architecture</b>	Braswell
<b>Memory</b>	1*DDR3L slot, max support 8GB
<b>Storage</b>	SSD (mSATA)
	Optional HDD (the motherboard supports the expansion of a 2.5-inch hard drive) The shell does not support HDD expansion
<b>Audio Card</b>	HD Audio realtek ALC 662
<b>Graphics</b>	Intel HD Graphics
<b>Network</b>	Intel I225 Gigabit Ethernet Controller
<b>Extendable</b>	WIFI+Bluetooth(MINI PCIE) or 3G/4G Module(MINI PCIE) (There is a SIM card slot on the motherboard)
<b>OS Support</b>	Windows (Not include XP) & Linux
<b>I/O Ports</b>	2*USB3.0、1*VGA、1*HDMI、4*RJ45、1*DC
<b>Internal I/O Ports</b>	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

<b>Display Mode</b>	4K / Support Dual display (Duplicate mode, Extend mode)
	Max Resolution(VGA): 1920*1080@60Hz; Max Resolution(HDMI 1.4): 3840*2160@30Hz
<b>Boot Mode</b>	PXE / Auto-power-on / Wake-on-LAN
<b>Intel Virtualization</b>	Support VT-x, Not Support VT-d
<b>Intel Hyper-Threading</b>	Not Support
<b>Working Environment</b>	Temperature: -10~60 °C Relative Humidity: 0~95% (No Condensation)
<b>Working Voltage</b>	DC 12V - 3A
<b>Static Electricity</b>	Contact discharge 2K, Air discharge 6K
<b>Storage Environment</b>	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	RJ45 Gigabit LAN*4
07	Indicator light	08	DC12V Input		

<b>Size</b>	L 133.8mm*W 126.6mm*H 36.5mm	<b>Weight</b>	Net : 0.6kg	Gross : 1.5kg
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### Specification

<b>Features</b>	Use aluminum alloy shell, industrial style, heavy and solid, unique appearance design			
<b>Heat Dissipation</b>	Fanless Passive Cooling			
<b>Bracket</b>	Dedicated bracket; Support VESA bracket			
<b>Packing Box</b>	Kraft paper color box + Anti-fall corrugated outer box			
<b>Packing List</b>	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

