

1 K7-N11

Intel Core i7 3520M



CPU	Intel Core i7 3520M 2.90GHz-3.60GHz	
Cores/Threads	2 Cores / 4 Threads	
Cache	4 MB Intel Smart Cache	
TDP	35W	
Chipset	Products formerly Ivy Bridge	
RAM	1*DDR3L,support max 8G	
Storage	SSD (M.2 SATA) Optional HDD(by onboard PIN)	
Audio Card	ALC662	
Graphic Card	Intel HD Graphics 4000	
Network Card	10/100/1000Mbps Adaptive RTL 8111H	
Extendable	WIFI+Bluetooth (M.2 PCIE)	
OS supported	Windows or Linux	

External I/O	6*USB2.0、1*VGA、1*HDMI、1*RJ45、1*DC、1*MIC-IN、1*LINE-OUT、1*USB On/off	
Internal I/O	1*F_AUDIO1、1*JSPK1、1*JCONN LCD BL1、1*CPU_FAN1、1*JCOMS1、1*JLVDS_VDD1、1*JLVDS、1*F_USB1、1*F_USB2、1*JPWR_SATA1、1*SATA2、1*F_PANLE、1*ATX12V1、1*JVGA1、1*JUSB1、1*JUSB2	

BIOS Function

Display	Support Dual Display (Duplicate and Extendable Mode) VGA max: 1920*1080@60Hz; HDMI max: 1920*1200@60Hz	
Booting Method	PXE / Power On / Wake-on-lan	
Intel VT-x	Support VT-x and VT-d	
Hyper-threading	Support	

Working Environment	Environment Temperature: -10~60 °C	Relative humidity: 0~95%(No condensation)
Working Voltage	DC 12V - 5A	
Static Electricity	Contact discharge 2K, air discharge 6K	
Conditons	Environment Temperature: -10~60 °C	Relative humidity: 0~95%(No condensation)

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01	POWER	02	USB2.0	03	USB2.0
04	MIC	05	SPK	06	USB2.0*2
07	RJ45 Giga	08	USB2.0*2	09	VGA
10	HDMI output	11	DC12V	12	Extendable Power Button

Size	L 195mm*W 196mm*H 45mm	Weight	Net : 0.90kg	Gross : 1.75kg
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Specification

Features	Metal Case,rugged design		
Cooling Method	FAN Cooling		
Vesa Mount	Support with bracket		
Packaging	Color box		
Packing List	Power supply * 1	Power cable * 1	Vesa Mount Bracket * 1
	Manual * 1	Certificate* 1	Screws * 1

Performance

Testing Software	Mr LU		CINBENCH R20	3D MARK11	PC MARK
	CPU	GPU	664	-	3253

