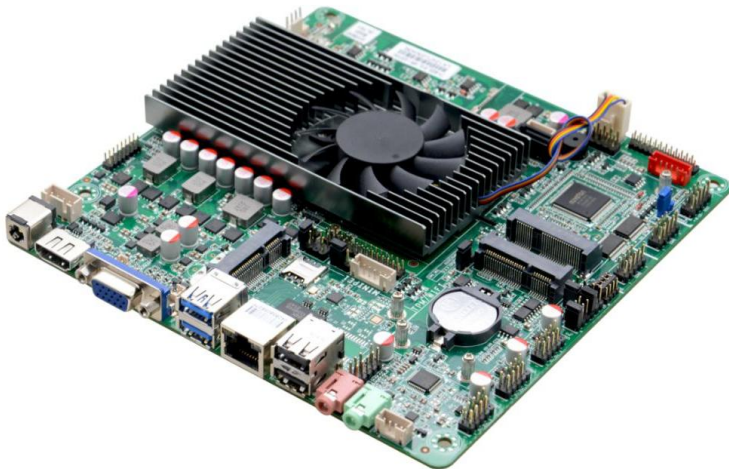# ITX-B320_I512L VER:1.0(3210M)

ITX-B320_I512L VER:1.0 主板正面图

ITX-B320_I512L VER:1.0 主板 IO 图

ITX-B320_I512L VER:1.0 主板侧面图

Product number	ITX-B320_I512L VER:1.0(3210M)
processor	Integrated Intel®Core I5-3210M /2.5GHz dual-core quad-thread processor, TDP 18W
	Compatible with Intel® Sandy /Ivy Bridge Celeron/Pentium/I3/I5/I7 BGA1023 low power processor
chipset	Using Intel® HM77 Express Chipset
RAM	1*SODDR3 memory slot, support single channel DDR3 1600/1333 memory, maximum support 8GB
show	Integrated Intel® HD Graphics4000 core graphics card, supports single display, dual display mode, extended mode
	1*VGA, 2*HDMI, 1*LVDS interface, support dual channel 24bit
The internet	1* RTL8111H Gigabit LAN, support Wake-on-LAN, PXE function.
storage	1* SATA2.0 hard disk interface, transfer rate up to 3Gbps
	1*MSATA slot, support SSD solid state drive, SSD transfer speed up to 6Gbps
audio	Onboard ALC892 7.1+2 channel high-fidelity audio controller, support MIC/Line-out. Power amplifier
	It is recommended to use a 2 Ω 5W speaker for the power amplifier
Expand	1* Mini-PCIE slot, support WIFI, 3G/4G module
	1* Mini-PCIE slot, support WIFI/TPM-4COM small board, can use TPM-4COM small board to expand 4 serial ports
Backplane I/O Interface	2*USB3.0,2*USB2.0
	1* HDMI port
	1* VGA interface
	1* RJ-45 Gigabit network interface
	1* Line out (green)
	1* Mic (red)
	1* 12V DC_JACK input

Built-in I/O interface	1* LVDS interface (2*15pin), support dual channel 24bit (dual 8)
	1* LVDS backlight interface (1*6pin)
	1* J_HDMI interface (2*8Pin)
	1* JVGA1 interface (1*12pin), same signal as DB15
	2* RS232 serial port (COM2 supports RS422/485, COM1/COM2 9th pin supports live function)
	1* LPT print port (2*13pin)
	6* USB 2.0 interface (2*5pin),
	1* PS/2 mouse and keyboard interface (1*6Pin)
	1* Front panel function button and indicator interface (2*5pin)
	1* Front panel audio interface (2*5pin)
	1* Amplifier interface (1*4pin)
	1* SIM card holder
	1* HDD power supply interface (1*4pin)
	1* 4pin DC power interface, support 12V power input and output
Fan interface	1*4pin CPU smart fan interface, 1*4pin system fan interface
GPIO	Support 4 input and output GPIO
BIOS	32Mb Flash ROM
watchdog	Support hardware reset function (256 levels, 0~255 seconds)
operating system	Windows 7/Windows 10/Linux
Power Type	Powered by DC 12V power supply
Operating temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, no condensation
size	170mm x 170mm

订购信息：

No.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	LAN	USB	COM	RS485/422	Power
1	ITX-B320_I522L VER:1.0(3210M)	I5-3210M	2.5G	1*SODDR3	1	2	2*24BIT	2*8111H	8	2	COM2	DC12V
2	ITX-B320_I512L VER:1.0(3210M)	I5-3210M	2.5G	1*SODDR3	1	2	2*24BIT	1*8111H	10	2	COM2	DC12V