

ITX-B321_I512L v:1.0

Based on Intel® Sandy/Ivy Bridge platform_Core i3/i5/i7 Processors

[Core_i5-3210M]



Specifications:

Model No.	ITX-B321_I512L VER:1.0(3210M)
Processor	Integrated 3rd Gen Intel Core i5-3210M 2.50GHz 2 cores 4 threads processor, TDP 18W Compatible with Intel® Sandy/Ivy Bridge Celeron/Pentium/I3/I5/I7 BGA1023 processors
Chipset	Intel HM76 Express Chipset
Memory	1x DDR3 1600/1333MHz, single channel SODIMM memory slot, up to 8GB
Display	Integrated Intel HD Graphics 4000, supports single display, dual display mode, extended mode 1x VGA ; 2x HDMI ; 2xEDP (Or 1x LVDS + 1xEDP display) Note: LVDS and EDP are adaptive. The supported display combinations are: LVDS single display, EDP1 single display, LVDS+EDP2 dual display, EDP1+EDP2 dual display. J_EDP2 cannot be used alone. When using dual displays, the brightness adjustment is invalid and is only effective when using single display. The backlight control of EDP2 is shared with that of EDP1.
Ethernet	1x RJ45 Gigabit Ethernet port (RTL8111H), support Wake_on_LAN/PXE function
Storage	1x SATA2.0, the transfer rate up to 3Gbps 1x MSATA slot, the transfer rate up to 6Gbps
Audio	Onboard ALC262 6 channel high fidelity audio controller, support Mic_in / Line_out The 2Ω 3W horn for power amplifier recommended
Expansion Slot	1x Mini-PCIE slot, support WIF/3G/4G module
Rear I/O	1x VGA 1x HDMI 2x USB3.0 ; 2x USB2.0 1x RJ45 GbE LAN 1x Line-out (green) ; 1x Mic_in (red) 1x DC_Jack (DC_12V input)
	2x EDP 1x LVDS (LVDS and J_EDP1 are optional) 1x Screen backlight power supply interface, 1*6pin

Inner I / O	1x JVGAI, 1*12pin (Same signal as DB15)
	1x JHDMI, 2*8pin
	2x RS232 serial ports (COM1/2 provide power on the 9 th pin)
	1x LPT Connector, 2*13Pin
	6x USB2.0, 2*5pin
	1x PS/2 KB&MS Connector, 1*6Pin
	1x Front panel function button and indicator light interface, 2*5pin
	1x Front audio interface, 2*5pin
	1x Power amplifier interface, 1*4pin
	1* 4pin DC power slot (support DC_12V input/output)
	1x Hard drive power supply interface, 1*4pin
	1x SIM card slot
Fan interface	1x 4Pin smart system fan interface ; 1x 4Pin CPU intelligent fan interface
GPIO	Support 4-way input and output GPIO
BIOS	32Mb Flash ROM
Watchdog	Support hardware reset function (256 levels, 0 ~ 255 seconds)
OS	Window 7/Windows 10/Linux
Power Type	DC_12V
working temp.	-10℃ ~ 60℃
Storage temp.	-20℃ ~ 70℃
Working humidity	5%-95%(Relative humidity, non condensing)
Dimension	170mm x 170mm

Order information:

No.	Model	CPU	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-B321_I512L VER:1.0(3210M)	I5-3210M	2.5G	1*SODDR3	1	2	2*24BIT	2	1*8111H	10	2	/	DC12V