

ITX-B100_I516L VER:1.6

[10310U]



Model No.	ITX-B100_I516L VER:1.6(10310U)
Processor	Integrated 10 generation Intel®I5-10310U 1.70~4.40GHz quad-core eight-thread processor, TDP 15W
	Compatible with Intel®Whiskey Lake-U/Comet Lake-U 8th/10th Celeron/Pentium/I3/I5/I7 low power processors
Chipset	SOC
Memory	2*DDR4 SODIMM memory slot,supports 2400MHz memory,up to 64GB
Display	Integrated Intel® UHD Graphics ,supports DirectX 12 OpenGL 4.5, supports 4K
	1*VGA, the highest resolution supported: 1920X1200@60Hz
	1*HDMI1.4, the highest resolution supported: 4096x2304@24Hz
	1* Support dual channel 24bit LVDS interface, and EDP for adaptive choice
Ethernet	1* RTL8111H Gigabit NIC, supports Ethernet wake up and PXE functions
Storage	1* SATA3.0, the transfer rate is up to 6Gbps
	1* MSATA slot, supports Intel protocol SSD,the transfer rate is up to 6Gbps
	1* M.2 slot, supports M.2 2260/2280 NVME PCIE x4/SATA adaptive standard SSD
Audio	Integrated ALC897 7.1+2 channel high fidelity audio controller, supports MIC, Line_out, power amplifier
	Supports power amplifier 4Ω3W speaker
Expansion Slot	1* Mini-PCIE,supports WIFI/4G
Rear I /O interface	2* USB3.0, 2*USB2.0
	1* HDMI
	1* DB15 VGA
	1* RJ45 Gigabit Network Interface
	1* Line-out(green),1*MIC(red)
	1* DC12Vpower port, supports12V power input
Built in I/O interface	1* JVGA1, 1*12pin(Same signal as DB15)
	1* JHDMI, 2*10pin(Same signal as HDMI)
	1* LVDS, 2*15pin,Supports dual-channel 24bit
	1* LVDS backlight power supply interface 1*6pin
	1* EDP interface, and LVDS interface for adaptive one
	6* RS232 serial interface,COM1/2 support the 9pin with power, COM2 support RS485/422 function

	1* PS/2 Keyboard and mouse interface (red), 1*6Pin
	4* USB2.0 interface, 2*5pin
	1* front audio interface, 2*5pin
	1* Front panel switch button and indicator port, 2*5Pin
	1* hard drive power port, 1*4pin
	1* power amplifier interface, 1*4pin
	1* DC power port, 1*4pin, support 12V power input and output
	1* SIM card seat
Fan Connector	1*4pin CPU smart fan connector, 1* 4pin system fan connector
GPIO	Supports 4 input/output GPIO functions
BIOS	128Mb Flash ROM
Watchdog	Support hardware reset function(L256, 0~255 seconds)
Power Type	Adopts DC 12V power supply
OS	Windows /Linux
Working temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working Humidity	5%-95% (relative humidity, non-condensing)
Dimension	170mm x 170mm

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-B81_I516L VER:1.5(8265U)	I5-8265U	1.6G	2*SODDR4	1	1	2ch/24Bit	1	1*8111H	8	6	COM2	DC12V
4	ITX-B81_I726L VER:1.5(8565U)	I7-8565U	1.8G	2*SODDR4	1	1	2ch/24Bit	1	2*8111H	8	6	COM2	DC12V
5	ITX-B81_I526L VER:1.5(8265U)	I5-8265U	1.6G	2*SODDR4	1	1	2ch/24Bit	1	2*8111H	8	6	COM2	DC12V
4	ITX-B100_I716L VER:1.5(10710U)	I7-10710U	1.1G	2*SODDR4	1	1	2ch/24Bit	1	1*8111H	8	6	COM2	DC12V
5	ITX-B100_I526L VER:1.3(8265U)	I5-10210U	1.6G	2*SODDR4	1	1	2ch/24Bit	1	2*8111H	8	6	COM2	DC12V
6	ITX-B100_I516L VER:1.5(10210U)	I5-10210U	1.6G	2*SODDR4	1	1	2ch/24Bit	1	1*8111H	8	6	COM2	DC12V
7	ITX-B100_I316L VER:1.5(10110U)	I3-10110U	2.1G	2*SODDR4	1	1	2ch/24Bit	1	1*8111H	8	6	COM2	DC12V
8	ITX-B100_I516L VER:1.6(10310U)	I5-10310U	1.7G	2*SODDR4	1	1	2ch/24Bit	1	1*8111H	8	6	COM2	DC12V