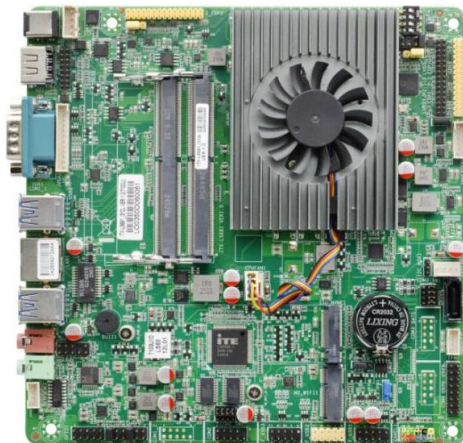


ITX-LS681_I312L VER:1.0



Specification:

Model No.	ITX-LS681_I312L VER:1.0(7100U)
Processor	Integrated Intel®I3-7100U 2.4GHz dual-core quad-thread processor, TDP 15W Compatible with Intel® Skylake-U/Kabylake-U Pentium/Celeron/I3/I5/I7 low power CPU
Chipset	SOC
RAM	2* SODIMM memory slot, support dual channels 2133MHz DDR4 memory, up to 32GB
Display	Integrated Intel® HD Graphics 620, support DirectX 12, OpenGL 4.5, support 4K
	1*VGA, the highest supported resolution is: 1920X1200@60Hz
	1*HDMI1.4, the highest supported resolution is: 4096X2304@24Hz
	1*support duanl channels 24bit LVDS
	2* EDP (EDP1 and LVDS interfaces are selected through jumpers, VGA and EDP2 are selected through jumpers)
	Supports dual EDP display or LVDS+EDP display
Ethernet	1* RTL8111H Gigabit LAN, support Wake-on-LAN, PXE function
Storage	1* SATA3.0 hard disk interface, transfer rate up to 6Gbps
	1* M.2 slot, support M.2 Key M 2280 PCIE X4 SATA specification SSD
Audio	Onboard ALC897 7.1+2 channel Hi-Fi audio controller,support MIC/Line-out.Power amplifier
	It is recommended to use a 2Ω5W speaker for the power amplifier
Expand slot	1* M.2 slot, support M.2 Key E 2230 WIFI/BT module
Backplane I/O Interface	4* USB3.0
	1* HDMI
	1* DB9 RS232 Serial port (DB15 VGA is optional)
	1* RJ45 Gigabit network interface
	1* Line-out(green), 1*MICK(red)
	1* DC 12V power supply input interface
Built-in I/O interface	1* JVGA, 1*12pin (same signal as DB15)
	1* JHDMI, 2*8pin(same signal as HDMI)
	1* LVDS, 2*15pin, support dual channels 24BIT
	2* EDP(yellow), 2*15pin(The LVDS and EDP1 interfaces are selected by jumper, the VGA and EDP2 interfaces are selected by jumper)

	1* LVDS Screen backlight power supply interface, 1*6pin
	1* RS232 serial port, 2*5pin, COM1/2 Support the 9th pin charging function, COM2 support RS485 function.
	6* USB2.0, 2*5pin
	1* Front panel audio interface, 2*5pin
	1* Front panel switch button and indicator interface, 2*5pin
	1* Hard drive power supply interface, 1*4pin
	1* Amplifier interface, 1*4pin
	1* DC power supply interface, 1*4pin support 12V power input output
	1*TPM2.0, 2*8pin
Fan interface	Reserved 1*4pin CPU smart fan interface, 1*4pin system fan interface
GPIO	Support 4 input and output GPIO
BIOS	64Mb Flash ROM
Watchdog	Support hardware reset function(256 levels, 0~255 seconds)
Operating system	Windows 7/10/11, 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
dimension	170mm x 170mm

Note: This model does not come with a radiator as standard. Please contact sales if you need a radiator.

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	ITX-LS681_I512L VER:1.0(6300U)	I5-6300U	2.4G	2*SODDDR4	1	1	2ch*24BIT	2	1*8111H	10	2	COM2	DC12V
2	ITX-LS681_I312L VER:1.0(7100U)	I3-7100U	2.4G	2*SODDDR4	1	1	2ch*24BIT	2	1*8111H	10	2	COM2	DC12V
3	ITX-LS681_I512L VER:1.0(6200U)	I5-6200U	2.3G	2*SODDDR4	1	1	2ch*24BIT	2	1*8111H	10	2	COM2	DC12V