

ITX-B430_I312L



Main Features

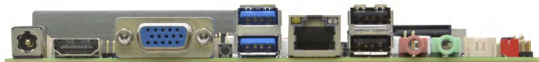
- Integrated I3-4030U/1.9GHz dual-core Processors
- 1x DDR3L RAM slot, up to 8GB
- 1x RJ45 GbE ports
- 1x VGA, 1x HDMI, 1x LVDS / EDP
- 1x SATA3.0 2.5" HDD; 1x 7pin SATA3.0; 1x Mini PCIE(WIFI/3G); 1x MSATA SSD
- 8x USB; 2x COM; 1x SIM; 1x LPT; 1x PS/2
- DC 12V Power Input

Specification :

Model No.	ITX-B430_I312L VER:1.6(4030U)
Processor	Integrated Intel®Haswell-U I3-4030U/1.9GHz dual-core quad-thread processor, TDP 15W Compatible with Intel Celeron, Pentium, Core®i3/i5/i7 Haswell/Broadwell-U processor
Chipset	Based on Intel®Haswell-U/Broadwell-U SOC platform
Memory	1x SODIMM slot, support 1600/1333MHz DDR3L/1.35V memory, up to 8GB
Graphics	Intel® HD Graphics 4400 1x VGA, 1x HDMI, 1x LVDS interface (supports dual-channel 24BIT), 1x EDP, and LVDS can be selected by jumper Support single display, dual display mode, and extended mode
Network	1x RTL8111H Gigabit network card, support network wake-up, PXE function
Storage	1x SATA3.0 2.5-inch laptop hard drive slot 1x 7pin SATA3.0 hard disk interface, transmission rate up to 6Gbps
Audio	Onboard ALC262 6 channel high-fidelity audio controller, supports MIC/Line-out. amplifier Power amplifier 2Ω 5W speaker
Expansion slots	1x Mini PCIE slot, support WIFI 、 3G module 1x MSATA slot, supports Intel protocol SSD solid state drive, transmission speed up to 6Gbps Note: If MINIPE1 needs to support 3G module, it needs to adjust the relevant hardware settings, and F_USB2 will only support 1 USB
Rear I/O interface	1x 12V DC JACK power input interface 1x HDMI 1x VGA 1x Gigabit network interface 2x USB3.0 2x USB2.0 1x Line out (Green) 1x MIC (red)
Built in I/O interface	1x JVGA, 1*12Pin (same signal as DB15) 1x J_HDMI interface 2*8pin (same signal as back panel IO interface HDMI) 1x Support dual-channel 24bit (dual 8) LVDS interface 2*15pin 1x LVDS backlight power supply interface 1*6pin 1x EDP interface 2*15pin (yellow), select one from LVDS through jumper, default LVDS 1x Screen brightness adjustment interface 1*4pin 1x Front audio interface 2*5pin 1x Preamplifier interface 1*4Pin 1x LVDS backlight power supply interface 1*6pin 4x USB 2.0, 2*5Pin 2x RS232 serial interface 2*5pin COM1/COM2 supports 9th pin power function, COM2 supports RS485/422

	1x LPT, 2*13pin
	1x PS/2 keyboard and mouse interface 1*6Pin
	1x Hard disk power supply interface 1*4pin
	1x SIM card set
	1x Front panel switch button and indicator light interface 2*5Pin
	1x DC power interface 1*4pin, supports 12V power input and output
Fan interface	1*4pin CPU smart fan interface, 1*3pin system fan interface
Power input	DC 12V
BIOS	AMI 64Mb Flash ROM
GPIO	Supports 4 input and 4 output GPIO interfaces
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)
OS	Windows 7/Windows 10/Linux
Working Temp.	-10℃~60℃
Storage Temp.	-20℃~70℃
Working Humidity	5%-95%(relative humidity; non-condensing)
Dimension	170mm x 170mm

Drawing:



Ordering info:

No	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	RS485/422	Power
1	ITX-B430_I312L VER:1.6	I3-4030U	1.9G	1*SODDR3L	1	1	2ch*24bit	1	1*8111H	8	2	COM2	DC12V
2	ITX-B430_I316L VER:1.6	I3-4120U	2.0G	1*SODDR3L	1	1	2ch*24bit	1	2*8111H	8	6	COM2	DC12V
3	ITX-B430_I526L VER:1.6	I5-4300U	1.9G	1*SODDR3L	1	1	2ch*24bit	1	2*8111H	8	6	COM2	DC12V
4	ITX-B430_I512L VER:1.6	I5-4300U	1.9G	1*SODDR3L	1	1	2ch*24bit	1	1*8111H	8	2	COM2	DC12V