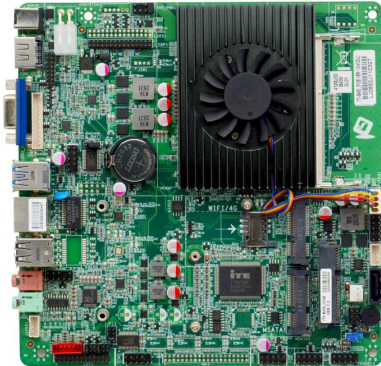


# ITX-B430\_I312E

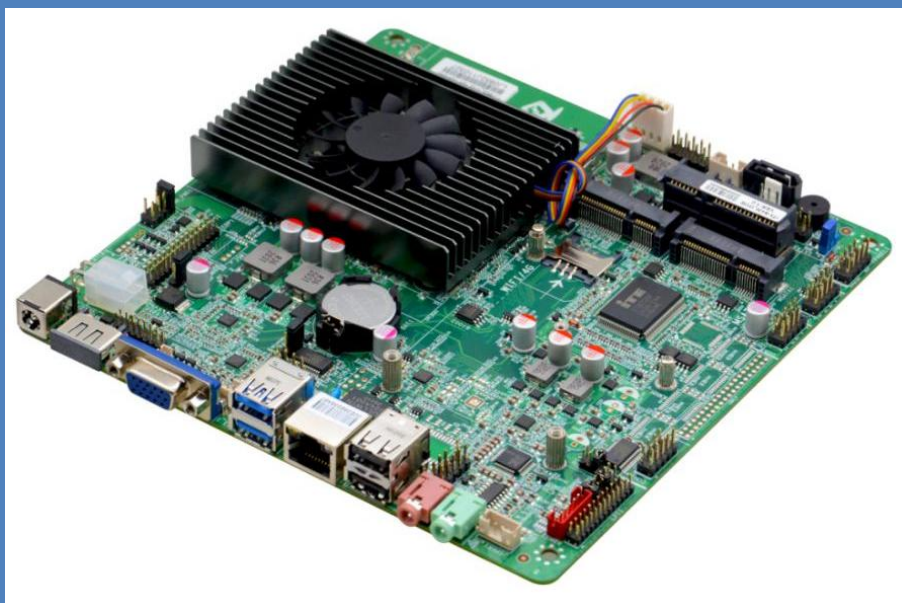


- ### Main Features
- Integrated Intel® Core™ i3-5005U 2.0GHz,2 core 4 thread processor
  - 1x SODIMM 1600/1333MHz DDR3L, up to 8GB
  - 1x RJ45 GbE ports
  - 1x EDP, 1x EDP, 1x HDMI
  - 1x Mini-PCIE slot(WIFI / 3G); 1x MSATA SSD
  - 2x SATA3.0
  - 2x COM; 8x USB;1x SIM card
  - DC\_12V power supply

### Specification :

<b>Model No.</b>	ITX-B430_I312E VER:1.0(5005U)
<b>Processor</b>	Integrated Intel®Broadwell Core™ i3-5005U 2.0GHz, 2 core 4 thread processor, TDP 15W Compatible with Intel Celeron, Pentium, Core®i3/i5/i7 Haswell/Broadwell-U processors
<b>Chipset</b>	Based on Intel®Haswell-U/Broadwell-U SOC platform
<b>Memory</b>	1x SODIMM slot, support 1600/1333MHz DDR3L/1.35V memory, maximum support 8GB
<b>Display</b>	Integrated Intel® HD Graphics 4400 core graphics
	1x VGA, 1x HDMI, 1x EDP interface
	Support single display, dual display mode, extended mode
<b>Internet</b>	1x RTL8111H Gigabit network card, support Wake-on-LAN/PXE function
<b>Storage</b>	1x SATA3.0 2.5 inch notebook hard drive bay
	1x 7pin SATA3.0 hard disk interface, transfer rate up to 6Gbps
<b>Audio</b>	Onboard ALC662 6-channel high-fidelity audio controller, support MIC/Line-out.
	The power amplifier uses 2Ω5W speakers
<b>Expand</b>	1x Mini-PCIE slot supports WIFI/3G module
	1x MSATA slot, SSD solid state drive supporting Intel protocol, transmission speed up to 6Gbps
	Note: If MINIPE1 needs to support 3G module, you need to adjust the related hardware settings, and it will cause F_USB2 to only support 1 USB
<b>Backplane I/O interface</b>	1x 12V DC JACK power input interface
	1x HDMI display interface
	1x VGA display interface
	2x USB 3.0 interface
	2x USB2.0 interface
	1x RJ-45 Gigabit network interface
	1x Line out interface (green)
	1x MIC interface (red)
<b>Built-in I/O interface</b>	1x J_VGA1 interface 1x 12Pin (same signal as DB15)
	1x J_HDMI port 2x 8pin (same signal with backplane IO port HDMI)
	1x EDP interface 2x 15pin
	1x Front audio interface 2x 5pin
	1x Front power amplifier interface 1x 4Pin
	4x USB 2.0 interface 2x 5Pin
	2x RS232 serial interface 2x 5pin COM1/COM2 supports the 9th pin charged function, COM2 supports RS485
	1x LPT printer interface 2x 13pin
	1x PS/2 keyboard and mouse interface 1x 6Pin
1x Hard disk power supply interface 1x 4pin	

	1x SIM card holder
	1x Front panel function button and indicator port 2x 5pin
	1x 4pin ATX power connector
<b>Fan interface</b>	1x 4pin CPU smart fan interface, 1x 3pin system fan interface
<b>GPIO</b>	Support 4 input and output GPIO
<b>BIOS</b>	AMI 64Mb Flash ROM
<b>Watchdog</b>	Support hardware reset function (256 levels, 0~255 seconds)
<b>operating system</b>	Windows 7/Windows 10/Linux
<b>Power type</b>	DC_12V single power input
<b>Operating temperature</b>	-10℃~60℃
<b>Storage temperature</b>	-20℃~70℃
<b>Working humidity</b>	5%-95% relative humidity, non-condensing
<b>Size</b>	170mm x 170mm



## Ordering info:

No	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	RS485	Power
1	ITX-B430_I512L VER:1.0(4300U)	I5-4300U	1.9G	1*SODDDR3L	1	1	2ch*24bit	/	1*8111H	8	2	COM2	DC12V
2	ITX-B430_I516L VER:1.0(4300U)	I5-4300U	1.9G	1*SODDDR3L	1	1	2ch*24bit	/	1*8111H	8	6	COM2	DC12V
3	ITX-B430_I316L VER:1.0(4120U)	I3-4120U	2.0G	1*SODDDR3L	1	1	2ch*24bit	/	1*8111H	8	6	COM2	DC12V
4	ITX-B430_I312E VER:1.0(4120U)	I3-4120U	2.0G	1*SODDDR3L	1	1	/	1	1*8111H	8	2	COM2	DC12V
5	ITX-B430_I312E VER:1.0(5005U)	I3-5005U	2.0G	1*SODDDR3L	1	1	/	1	1*8111H	8	2	COM2	DC12V