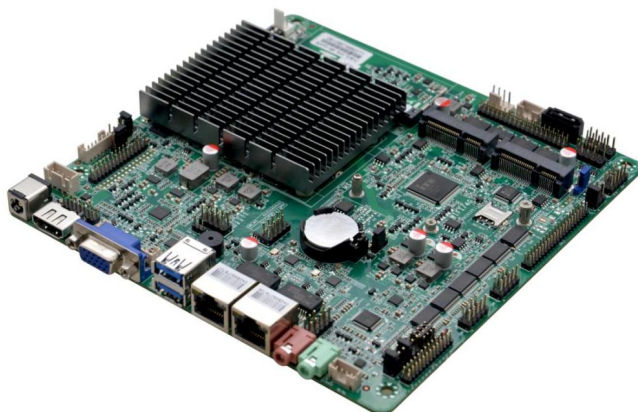
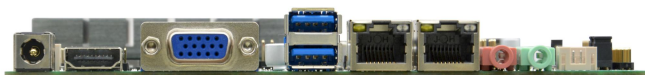
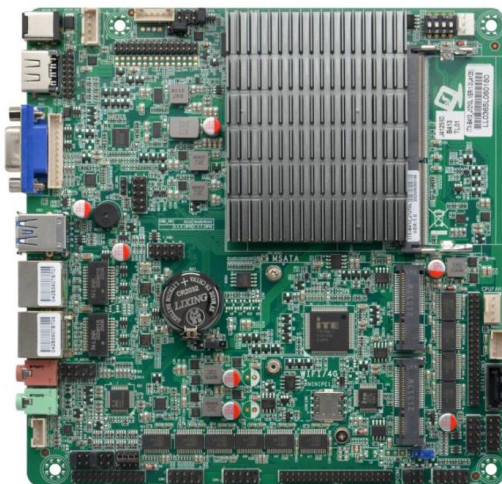


# ITX-B413\_J1210L VER:1.0



<b>Product number</b>	ITX-B413_J1210L VER:1.0 (J4125)
<b>Processor</b>	Integrated Intel®Celeron J4125 2.0GHz quad-core quad-thread processor ,TDP 10W
	Compatible with Intel® Gemini Lake all series CPU for customers to choose flexibly
<b>Chipset</b>	SOC
<b>RAM</b>	1* SODIMM slot,support single channel 2400MHz DDR4 memory,up to 8GB
<b>Display</b>	Integrated Intel® UHD Graphics 600 core Graphics
	1* VGA,1*HDMI,1* LVDS interface, support dual channel 24BIT
<b>Ethernet</b>	2* Realtek RTL8111H Gigabit Ethernet,support Wake-on-LAN/PXE
<b>Storage</b>	1* 7pin SATA3.0 hard disk interface,the transfer speed can reach 6Gbps
	1* MSATA slot supports SSD solid state drive,the transfer speed can reach 6Gbps
<b>Audio</b>	Onboard ALC897 7.1+2 channel high-fidelity audio controller,support MIC/Line-out. Power amplifier
	It is recommended to use a 2Ω5W speaker for the power amplifier
<b>Expansion slot</b>	1* Mini-PCIE slot, support WIFI, 4G module  Note: If MINIPE1 needs to support 4G module,you need to adjust the relevant hardware settings,and it will cause F_USB2 to only support 1 USB
<b>Backplane I/O Interface</b>	1* HDMI display interface
	1* VGA display interface
	2* USB3.0 interface,
	2* RJ-45 Gigabit network interface
	1* Line out interface (green)、1* MIC interface (red)
	1* 12V DC power input interface
<b>Built-in I/O interface</b>	1* 4pin DC power interface (can be used as 12V input and output power interface)
	1* LVDS interface 2*15pin, support dual channel 24BIT
	1* Screen backlight power supply interface 1*6pin
	6* USB 2.0 interface 2*5Pin
	1* J_HDMI interface 2*8Pin(same signal as HDMI1 of backplane IO interface)
	1* JVGA interface 1*12Pin(same signal as DB15)
	10* RS232 serial interface , COM1/2 supports the 9th pin live function, COM2 supports RS485/422 function.

	1* LPT parallel interface 2*13Pin
	1* front audio interface 2*5pin
	1* Front panel switch button and indicator port 2*5Pin
	1* hard drive power supply interface 1*4pin
	1* Amplifier interface 1*4pin
	1* SIM card holder
<b>Fan interface</b>	Fanless cooling design,reserved 1*4pin CPU fan interface,1* 3pin system fan interface
<b>GPIO</b>	Support 4 input and output GPIO
<b>BIOS</b>	64Mb Flash ROM
<b>Watchdog</b>	Support hardware reset function (256 levels, 0~255 seconds)
<b>Operating system</b>	Windows 10/Linux
<b>Power Type</b>	DC 12V
<b>Working temperature</b>	-10℃~60℃
<b>Storage temperature</b>	-20℃~70℃
<b>Working humidity</b>	5%-95% relative humidity, no condensation
<b>Dimension</b>	170mm x 170mm

## Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	ITX-B413_J1210L VER:1.0(J4125)	J4125	2.0G	1*SODDDR4	1	1	2ch*24bit	/	1*8111H	8	10	COM2	DC12V