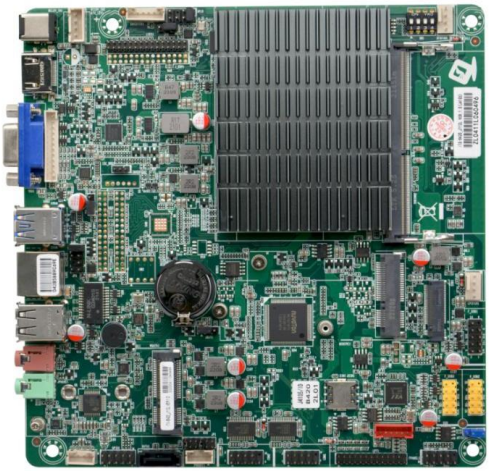
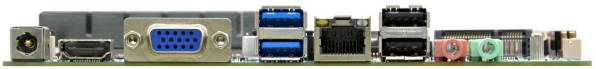
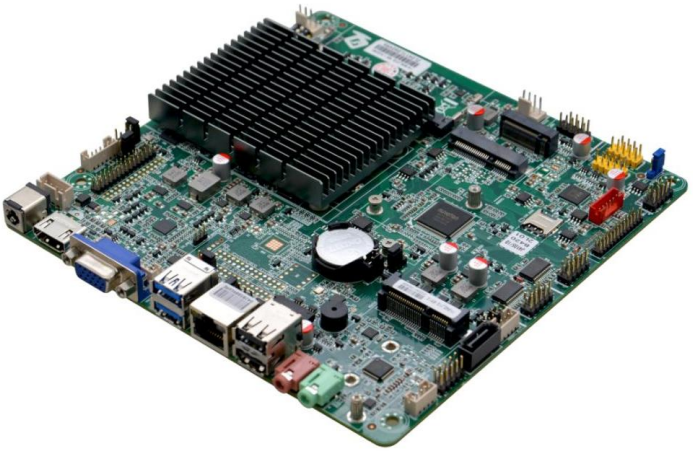
ITX-B420_J112L VER:1.0

[J4105]







Specification:

Product number	ITX-B420_J112L VER:1.0（J4105）
processor	Integrated Intel®Celeron J4105 1.5GHz quad-core quad-thread processor, TDP 10W
	Compatible with the full range of Intel® Gemini Lake CPUs for customers to choose flexibly
Chipset	SOC
RAM	1* SODIMM slot, support single channel 2400MHz DDR4 memory, maximum support 8GB
show	Integrated Intel® UHD Graphics 600
	1* VGA, 1* HDMI, 1* LVDS interface, support dual channel 24BIT Note: Can support dual EDP display or dual LVDS display HDMI interface and RJ11 cash drawer interface are optional
Ethernet	1* Realtek RTL8111H Gigabit LAN, support Wake-on-LAN/PXE
Storage	1* 7pin SATA3.0 HDD interface, the transfer speed can reach 6Gbps
	1* MSATA slot supports SSD solid state drive, the transfer speed can reach 6Gbps (MSATA and 7pin SATA are optional, the default is MSATA)
	1* M.2 slot, support M.2 2280/2260 SATA standard SSD
Audio	Onboard USB HS-100B audio controller, support MIC/Line-out. Power amplifier
	It is recommended to use a 2Ω5W speaker for the power amplifier
Expansion slot	1* Mini-PCIE slot, support WIFI/4G module
Backplane I/O Interface	1* HDMI (HDMI interface and RJ11 cash drawer interface are optional)
	1* VGA
	2* USB3.0 interface, 2*USB2.0 interface
	1* RJ-45 Gigabit network interface
	1* Line out interface (green), 1* MIC interface (red)
	1* 12V DC power input interface
Built-in I/O interface	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 (Among them, F_USB2 and F_USB3 are the signals transferred out by PCI.)
	1* JVGA interface, 1*12Pin (same signal as DB15)
	2* RS232 serial interface, COM1/2 supports the 9th pin live function

	1* LPT parallel interface, 2*13Pin
	1* PS/2 keyboard and mouse interface, 1*6pin
	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
Fan interface	Fanless cooling design, reserved 1*4pin CPU 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 10/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

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	ITX-B420_J112L VER:1.0	J4105	2.0G	1*SODDR4	1	1	1	/	1*8111H	10	2	/	DC12V