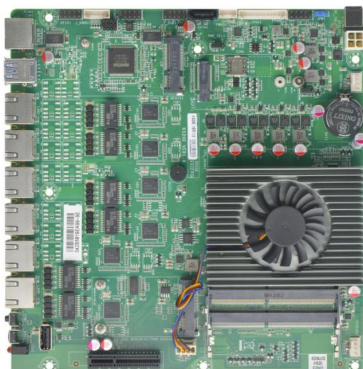


K520E_B



Main Features

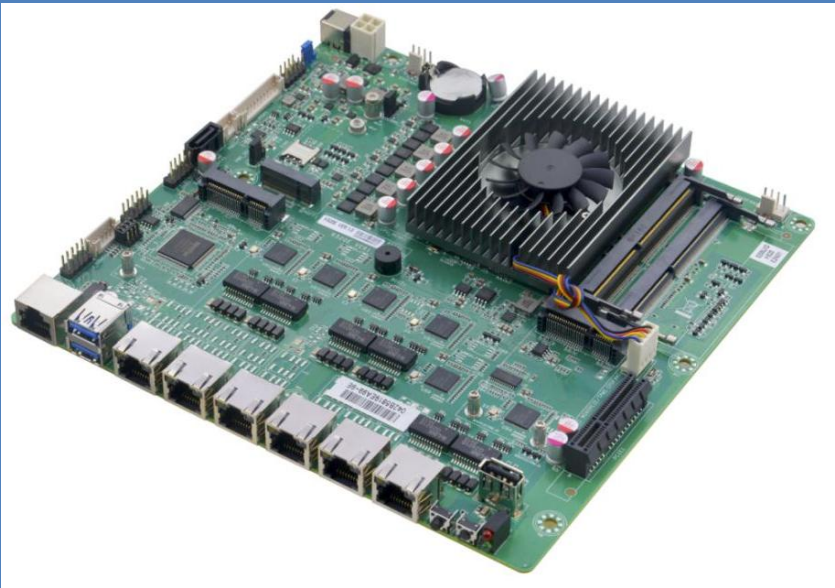
- Integrated 10 gen Celeron 5205U / 1.9GHz dual-core processor
- 2x DDR4 RAM slot, up to 64GB
- 6x RJ45 GbE ports
- Support 2 sets of BYPASS functions
- 1x CGA (4K display)
- 1x SATA3.0; 1x MSATA
- 1x Mini-PCIE(WIFI / TPM-4COM); 1x M.2(5G); 1x PCIE X4
- 5x USB; 2x COM; 1x PS2; 1x SIM
- DC 12V power input

Specification :

Model No.	K520E_B VER:1.0 (5205U)
Processor	Integrated 10 gen Intel® Celeron 5205U 1.9GHz dual-core dual-thread processor, TDP:15W Compatible with Intel® Comet Lake-U Celeron/Pentium/I3/I5/I7 low power processors
Chipset	SOC
Memory	2x SODIMM slot, supports 2400MHz DDR4 memory, up to 64GB
Graphics	Intel® UHD Graphics; support DirectX 12 OpenGL 4.5; support 4K 1x VGA, Max: 1920X1200@60Hz
Network	6x Intel I210AT Gigabit network card, support network wake-up, PXE function. Support 2 sets of BYPASS functions.
Storage	1x SATA3.0 , transmission rate up to 6Gbps 1x MSATA slot, supports Intel protocol SSD solid state drive, transmission speed up to 6Gbps
Audio	N/A
Expansion slots	1x Mini-PCIE slot, supports WIFI / TPM-4COM module, WIFI signal and PCIE X4 optional 1x M.2 slot, supports M.2 Key B 2242/2252 5G module 1x PCIE X4 slot, expandable fiber card Note: MINI-PCIE slot's WIFI and PCIE X4 slots are optional, default is on PCIE X4 slot MINI-PCIE slot can use TPM-4COM to expand 4 serial ports, need to change BOS, not supported by default
Rear I/O interface	1x RJ45 serial port 2x USB3.0 6x RJ45 Gigabit network interface 1x power switch, 1x one-key restore 1x double-layer LED light, (upper red and lower green, upper hard disk light, lower power light)
Built in I/O interface	1x JVGAI interface 1*12pin 1x RS232 serial interface 2*5pin, COM2 supports RS485 1x Single-layer vertical USB2.0 interface 2x USB2.0 interface 2*5pin 1x PS/2 keyboard and mouse interface (red) 1*6Pin 1x GPIO pin header (four in and four out) 1x Front panel switch button and indicator interface 2*5Pin 1x Hard disk power supply interface 1*4pin 1x DC12V power interface, supports 12V power input (side) 1x 4pin ATX power interface (can be used as 12V input power interface) 1x SIM card slot
Fan interface	1x 4pin CPU smart fan interface, 1x 4pin system fan interface
Power input	DC 12V
BIOS	128Mb Flash ROM

GPIO	Supports 4 input and 4 output GPIO interfaces
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)
OS	Windows 10/Linux
Working Temp.	-10℃～60℃
Storage Temp.	-20℃～70℃
Working Humidity	5%-95%(relative humidity; non-condensing)
Dimension	200mm x 193mm

Drawing:



Ordering info:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	K520E VER:1.0	5205U	1.9G	2*SODDR4	1	/	/	/	6*I210AT	5	2	1	DC12V
2	K520E_B VER:1.0	5205U	1.9G	2*SODDR4	1	/	/	/	6*I210AT	5	2	1	DC12V