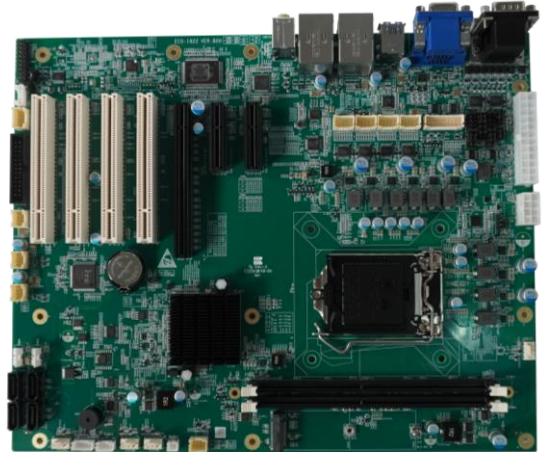




ECO-1822

ATX SBC with Intel® H420E Chipset

- Support Intel® 10th LGA1200 Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor, max. TDP 125w
- H420E Chipset
- Provide 2 x DDR4 (Non-ECC) 2400/2666/2933MHz DIMM, up to 64GB
- Support VGA,DP, DVI-D dual display
- 4 x SATA3.0, 1 x M.2 (PCIe3.0 x2 M-key 2280 type)
- Support 4xPCI ,1xPCI E x16, 2xPCI E x4(link x1)
- Support 6 x USB 3.2 Gen 1, 4 x USB 2.0
- 6 x COM, COM1/COM2 support RS232/422/485 optional



Specifications

CPU	Intel® 10th LGA1200 Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor, max. TDP 125w
Chipset	H420E
Memory	2 x DDR4 (Non-ECC) 2400/2666/2933MHz DIMM, up to 64GB
Display	VGA*1, Max Resolution: 1920×1200@60Hz; DP*1, Max Resolution: 4096×2160@30Hz; DVI-D*1, Max Resolution: 1920×1200@60Hz; VGA/DP/DVI-D support dual display with any two of them, DVI-D is pin header which needs to be leaded out with cable.
Audio	1 x Audio port, support Mic-in/Line-out
LAN	2 x 10/100/1000Mbps, adopt Intel network chipset, LAN1 Support wake-on-line
Storage	4 x SATA3.0, 1 x M.2 (PCIe3.0 x2 M-key 2280 type)
I/O	6 x USB 3.2 Gen 1, 4 x USB 2.0 6 x COM, COM1/COM2 support RS232/422/485 optional 1 x TPM, expandable another 4xCOM by LPC port 1 x LPT pin header 8 bit GPIO: 4 input, 4 output
Expansion	4xPCI ,1xPCI E x16, 2xPCI E x4(link x1)
Working environment	-10~60℃; Constant humid heat :(40) ℃ (95) % (non-condensing)
Storage environment	-40~85℃; Constant humid heat :(40) ℃ (95) % (non-condensing)
Power	ATX power, support S0/S4/S5 The motherboard needs to support the automatic startup function when the AC is powered on
Hardware monitor	Monitor system status, voltage, temperature, fan speed, etc
OS	WIN10, Cent OS, Linux, Ubuntu etc high kernel version LINUX system



Ordering Information

Part number	Model number	Specification
0030-023461	EC0-1822	ATX MB/H420E chipset/support Intel® 10th LGA1200 Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor /2 x DDR4 (Non-ECC) 2400/2666/2933MHz DIMM, up to 64GB/ VGA,DP,DVI-D support dual display, DVI-D is pin header /4 x SATA3.0, 1 x M.2 (PCIe3.0 x2 M-key 2280 type)/2xGbe /6xUSB 3.2 Gen 1, 4xUSB 2.0/ 6xCOM , COM1/COM2 support RS232/422/485 optional / 1xAudio/1x8 bit GPIO/1xTPM/1xLPT/1xLPC/1xPS2 pin header/ 4xPCI ,1xPCI E x16, 2xPCI E x4(link x1)
0010-153561	IPC-810E/EC0-1822/G5900E/16G/1T/300W	4U、19"rackmount IPC-810E complete PC/EC0-1822/ G5900E /16G/1T/ATX 300W I/O port : 2xGbe/6xCOM/8xUSB (front:2xUSB2.0 , rear:6xUSB 3.2) / VGA+DP /1xAudio/4xPCI、 1xPCIE x16、 2xPCIE x4(actual ratex1)
0010-153571	IPC-810E/EC0-1822/i5-10500E/8G/1T/300W	4U、19"rackmount IPC-810E complete PC /EC0-1822 /i5-10500E/8G/1T/ATX 300W I/O port : 2xGbe/6xCOM/8xUSB (front:2xUSB2.0 , rear:6xUSB 3.2) / VGA+DP/1xAudio/4xPCI、 1xPCIE x16、 2xPCIE x4(actual ratex1)
0010-153581	IPC-820/EC0-1822/i7-10700E/8G/1T/300W	4U、19"rackmount IPC-820 complete PC /EC0-1822/ i7-10700E/8G/1T/ATX 300W I/O port : 2xGbe/6xCOM/8xUSB (front:2xUSB2.0 , rear:6xUSB 3.2) / VGA+DP/1xAudio/4xPCI、 1xPCIE x16、 2xPCIE x4(actual ratex1)
0010-153591	IPC-820/EC0-1822/i9-10900E/16G/1T/300W	4U、19"rackmount IPC-820 complete PC /EC0-1822/i9-10900E/16G/1T+256G SSD/ATX 300W I/O port : 2xGbe/6xCOM/8xUSB (front:2xUSB2.0 , rear:6xUSB 3.2) / VGA+DP/1xAudio/4xPCI、 1xPCIE x16、 2xPCIE x4(actual ratex1)