



FEATURES

- Intel® 12/13/14th (Alder Lake-S/Raptor Lake-S) LGA1700 Socket Processor.
- Intel® Q670E chipset.
- 2* DDR5 4800MHz/5600MHz SO-DIMM up to 64GB.
- 2* 2.5GbE Ethernet Ports.
- 2* M.2 M-key, 1* M.2 E-key, 1* M.2 B-key.
- Single PCI Express x16(Gen.4).
- 2* HDMI and 2* DP support Quad displays.
- 2* RS232/422/485, 4* RS232, 4* USB3.2(Gen.2), 4* USB2.0.

EBC-05003	
DIMENSIONS	306 (W) * 199 (D) *79 (H) mm
CPU	Intel® 12th/13th/14th (Alder Lake-S/Raptor Lake-S) LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor, support 35W & 65W
CHIPSET	Intel® Q670E chipset
BIOS	AMI Flash ROM BIOS
PCIe	1* PCI Express x16 (Gen.4)
M.2	1* M.2 E-key (2230, PCIe x1/USB2.0 interface) support CNVio, 1* M.2 B-key (3042/3052, USB3.1/USB2.0/PCIe x1 interface)
RAM	Intel® 12th CPU support 2* DDR5 4800MHz Dual Channel SO-DIMM up to 64GB Intel® 13th/14th CPU support 2* DDR5 5600MHz Dual Channel SO-DIMM up to 64GB
GRAPHICS	Intel® HD Graphics, shared memory
DP	2* DP1.4a (Max Resolution: 4096x2304@60Hz)
HDMI	2* HDMI 2.0b (Max Resolution: 4096x2160@60Hz) Support Quad Displays
ETHERNET	1* Intel i225-V 2.5GbE, 1* Intel i225-LM 2.5GbE
STORAGE	1* M.2 M-key (2242, SATA/PCIe Gen.4 x4 interface) support NVMe, 1* M.2 M-key (2280, SATA/PCIe Gen.3 x4 interface) support NVMe, 1* 2.5" SATA Device
AUDIO	Realtek ALC888S (with 3W Amp)
COM	5* COM (2*RS232/422/485, 3*RS232)
USB	4* USB3.2 (Gen.2), 4* USB2.0
POWER SUPPLY	DC12~36V input
POWER SWITCH	1* Power button, 1* Reset
LED	1* Power LED, 1*HDD LED
SIM	1
GPIO	1
POWER ADAPTER	AC 90~240V input / DC19V_120W output
CERTIFICATIONS	CE, FCC, LVD, RoHS, ErP Ready
OPERATING TEMPERATURE	-20 ~ 60° C (35W CPU), -20 ~ 50° C (65W CPU)
STORAGE TEMPERATURE	-40 ~ 85° C
HUMIDITY	10% ~ 95% RH @40°C (non-condensing)
OS SUPPORT	Windows 11, Linux
WARRANTY	2 Years