

EAX-H610C

Intel® 12/13/14th Gen Core™ i9/i7/i5/i3 Processor, supports LGA 1700 CPU Up to 8+4 Core 65W Max



Product Features

- Intel® 12/13/14th Gen Core™ i9/i7/i5/i3 Processor, supports LGA 1700 CPU Up to 8+4 Core 65W Max, Intel® H610 chipsets
- 1 x DVI-D, 1 x HDMI 1.4b, 1 x VGA
- 3 x PCI Slot
- 4 x USB3.2 Gen1x1, 2 x USB2.0, 1 x USB2.0 Vertical Type A, 3 x USB2.0 by pin header
- 2 x DDR4 3200MHz U-DIMM, up to 2 x 32G (none ECC)
- 1 x PCI-e Gen4 x16 Slot, 2 x PCI-e Gen3 x2 signal by PCI-e x4 Slot, 1 x PCI-e Gen3 x4 Slot
- 1 x Intel® i226V Gigabit Ethernet Controller, 1 x Intel® WGI219V Gigabit Ethernet Controller
- 1 x M.2 Key M, Support SATA SSD, 2242/2280

Specification

System Information

Processor	LGA 1700 Socket Supports 12/13/14th Generation Intel® Core™ i9/i7/i5/i3 Processors (Max. TDP at 65W)
Platform Controller Hub	Intel® H610 chipsets
System Memory	2 x 288-Pin DDR4 3200MHz U-DIMM Socket Supports Up to 64GB
I/O Chipset	ITE IT8786E-I
Watchdog Timer	H/W Reset, 5~255 seconds/5~255 minutes
BIOS	AMI uEFI BIOS, 256Mbit SPI Flash ROM
H/W Status Monitor	CPU Temperature Monitoring Voltage Monitoring CPU Fan Speed Control
TPM	Onboard SLB9670 VQ20 supports TPM 2.0 (By BOM Optional)
Board	ATX

Expansion

Expansion	1 x PCIe Gen4 x16 Slot 2 x PCIe Gen3 x2 signal by PCIe4 Slot 1 x PCIe Gen3 x4 Slot(Only support PCIe Gen3 x2) 3 x PCI Slot
------------------	---

Storage

Storage	1 x M.2 Key M Support 2280 SATA SSD 3 x SATA III
----------------	---

Display

Graphic Chipset	Intel® 12th/13th/14th Generation CPU Integrated
------------------------	---

Spec. & Resolution	1 x HDMI 1.4b, max resolution up to 4096x2160@30Hz 1 x DVI-D, max resolution up to 1920x1200@60Hz 1 x VGA, max resolution up to 1920x1200@60Hz
-------------------------------	--

Multiple Display	Triple Display
-------------------------	----------------

Audio

Audio Codec	Realtek ALC897 Audio codec
--------------------	----------------------------

Audio Interface	Line-in, Line-out, Mic-in
------------------------	---------------------------

Ethernet

LAN Chipset	1 x Intel® i226V Gigabit Ethernet Controller, 1 x Intel® WGI219V Gigabit Ethernet Controller
--------------------	--

LAN Port	2 x RJ-45
-----------------	-----------

Power Requirement

Power Mode	AT/ATX (Default Setting: ATX)
-------------------	-------------------------------

Software Support

OS	Windows 11
-----------	------------

Certification

Certification Information	CE, FCC, RoHS Compliant
----------------------------------	-------------------------

I/O

USB	4 x USB3.2 Gen1x1, 2 x USB2.0, 1 x USB2.0 Vertical Type A, 3 x USB2.0 by pin header
------------	---

COM Port	1 x RS-232 at I/O 2 x RS-232/485 by Box header 3 x RS-232 by Box header
-----------------	---

SATA	3 x SATA III
DIO	1 x 8-bit GPIO
MIO	1 x PS/2 Keyboard and Mouse

Mechanical & Environmental

Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-40~ +75°C (-40~167°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Weight	1.54lbs (0.7kg)
Power Requirement	+12V/+5V/5VSB/+3.3V/-12V
Power Mode	AT/ATX (Default Setting: ATX)
Dimension (L x W)	12" x 9.6" (304.8mm x 243.84mm)