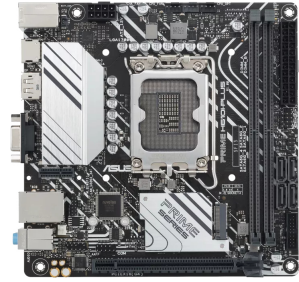# ASUS PRIME H610I-PLUS-CSM Intel H610 LGA 1700 mini ITX

Brand : ASUS

Product code: 90MB1GB0-M0EAYC

Product name : PRIME H610I-PLUS-CSM

- Intel® LGA 1700 socket: Ready for 13th & 12th Gen Intel® Core™ processors
- Enhanced power solution: 5+1+1 DrMOS power stages for stable power delivery
- Comprehensive cooling: VRM heatsink, PCH heatsink and Fan Xpert
- Ultrafast connectivity: 32Gbps M.2 slot, Intel® 1 Gb Ethernet and USB 3.2 Gen 1 ports
- 5X Protection III: Multiple hardware safeguards for all-round protection
- Remote management Software: ASUS Control Center Express (ACCE) for easier IT endpoint management

Intel H610, Socket LGA1700, 2 x DIMM, Max. 96GB, DDR5, Ethernet, 128Mb Flash ROM, UEFI AMI BIOS, Mini ITX

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✔
Supported memory clock speeds	4800,5000,5200,5400,5600 MHz
Supported memory clock speed (max)	5600 MHz
Maximum internal memory *	96 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	5

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✔
ATX Power connector (24-pin)	✔

Internal I/O

12V power connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✘

Features

Motherboard chipset *	Intel H610
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Internal I/O

CPU fan connector	✔
Number of chassis fan connectors	1
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔

Packaging data

Package width	228 mm
Package depth	187 mm
Package height	62 mm
Package weight	550 g

Weight & dimensions

Width	170.2 mm
Depth	170.2 mm
Height	36.5 mm

Other features

Weight	420 g

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