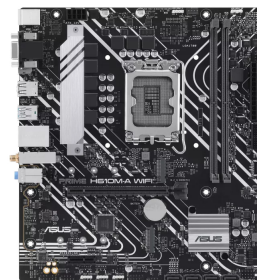**ASUS**

ASUS PRIME H610M-A WIFI Intel H610 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1G00-M0EAY0

Product name : PRIME H610M-A WIFI

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Ultrafast Connectivity: PCIe 4.0, two M.2 slots, Intel® 1Gb Ethernet ,WIFI 5 and USB 3.2 Gen 2 support, front USB 3.2 Gen 1 Type-C®
- Comprehensive Cooling: VRM heatsink, PCH heatsink and Fan Xpert 2+
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
Intel H610 (LGA 1700) mATX motherboard with DDR5,PCIe 4.0, dual M.2 slots, Intel 1Gb Ethernet, WIFI 5, DisplayPort, HDMI, VGA, USB 3.2 Gen 2 ports, Addressable Gen 2 headers, and Aura Sync

Processor

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

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	6

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	4
S/PDIF out connector	✓

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✓
Microphone in	✓
WiFi-AP antenna jack	1

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth	✓
Bluetooth version	5.0

Features

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

Expansion slots

PCI Express x1 (Gen 3.x) slots	1

Internal I/O

Audio connector	✓
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	2
EPS power connector (8-pin)	✓
Number of COM connectors	1
TPM connector	✓
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports

USB 2.0 ports quantity *	4

Expansion slots

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

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
Clear CMOS button	✓

Packaging data

Package width	270 mm
Package depth	263 mm
Package height	51.5 mm
Package weight	1.07 kg

Weight & dimensions

Width	244 mm
Depth	216 mm

Packaging content

Cables included	SATA

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