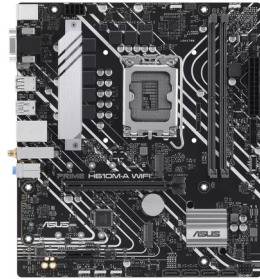# ASUS PRIME H610M-A WIFI Intel H610 LGA 1700 micro ATX

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			**Rear panel I/O ports**	
Processor manufacturer *	Intel		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor socket *	LGA 1700		Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9		PS/2 ports quantity	2
			VGA (D-Sub) ports quantity *	1
			HDMI ports quantity *	1
Supported processor sockets	LGA 1700		HDMI version	2.1
Memory			DisplayPorts quantity	1
Supported memory types *	DDR5-SDRAM		DisplayPort version	1.4
Number of memory slots *	2		Headphone outputs	1
Memory slots type	DIMM		Line-in	✔
Memory channels	Dual-channel		Microphone in	✔
ECC compatibility	Non-ECC		WiFi-AP antenna jack	1
Supported memory clock speeds	4800,5000,5200,5400,5600 MHz		**Network**	
Supported memory clock speed (max)	5600 MHz		Ethernet LAN	✔
Maximum internal memory *	96 GB		Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✔		Wi-Fi *	✔
Storage controllers			Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Supported storage drive types	HDD & SSD		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Supported storage drive interfaces *	M.2, SATA III		Bluetooth	✔
Number of HDDs supported	4		Bluetooth version	5.0
Number of storage drives supported	6		**Features**	
Graphics			Motherboard chipset *	Intel H610
Parallel processing technology support *	Not supported		Audio output channels *	7.1 channels
Internal I/O			Component for *	PC
			Motherboard form factor *	micro ATX
USB 2.0 connectors *	2		Motherboard chipset family *	Intel

Internal I/O

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

Features

Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
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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