

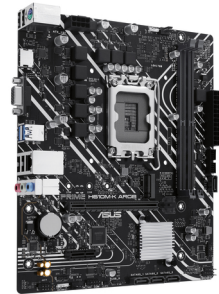
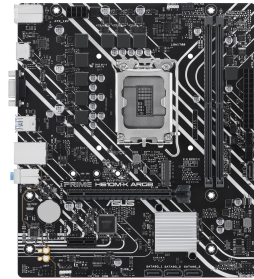
## ASUS PRIME H610M-K ARGB Intel H610 LGA 1700 micro ATX

**Brand :** ASUS

**Product code:** 90MB1G90-M0EAY0

**Product name :** PRIME H610M-K ARGB

- Intel LGA 1700 Socket: Ready for 13th and 12th Gen Intel processors
  - Ultrafast Connectivity: PCIe 4.0, 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 3.2 Gen 1
  - Comprehensive Cooling: PCH heatsink and Fan Xpert 2+
  - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
  - Two-Way AI Noise Cancellation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
- PRIME H610M-K ARGB Mainboard Socket Intel LGA1700 (H610, micro-ATX, DDR5, PCIe 4.0, M.2, SATA 6Gbit/s, Aura Sync)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor socket *	LGA 1700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	PS/2 ports quantity	1
		VGA (D-Sub) ports quantity *	1
		HDMI ports quantity *	1
		HDMI version	2.1
		Headphone outputs	1
		Line-in	✓
		Microphone in	✓
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
Non-ECC	✓	Motherboard chipset *	Intel H610
Supported memory clock speeds	4800,5000,5200,5400,5600 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	5600 MHz	Component for *	PC
Maximum internal memory *	96 GB	Motherboard form factor *	micro ATX
Unbuffered memory	✓	Motherboard chipset family *	Intel
Storage controllers		Cooling type	Passive
Supported storage drive types	HDD & SSD	Power source type	ATX
Supported storage drive interfaces *	M.2, SATA	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	4	Expansion slots	
Number of storage drives supported	5	PCI Express x1 (Gen 3.x) slots	1
Graphics		PCI Express x16 (Gen 4.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	1
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
Number of SATA III connectors *	4		
S/PDIF out connector	✓		

Internal I/O		BIOS	
Front panel audio connector	✓	BIOS memory size	128 Mbit
ATX Power connector (24-pin)	✓	<b>Packaging data</b>	
CPU fan connector	✓	Package width	270 mm
Number of chassis fan connectors	2	Package depth	263 mm
EPS power connector (8-pin)	✓	Package height	51.5 mm
Number of COM connectors	1	Package weight	820 g
TPM connector	✓	<b>Weight &amp; dimensions</b>	
12V power connector	✓	Width	234 mm
RGB LED pin header	✓	Depth	203 mm
		<b>Packaging content</b>	
		Cables included	SATA
		User guide	✓
		<b>Other features</b>	
		Weight	470 g



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