



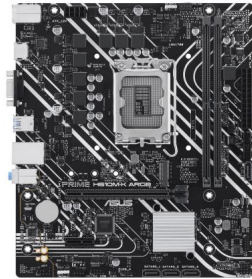
ASUS PRIME H610M-K ARGB Intel H610 LGA 1700 micro ATX

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
Memory		VGA (D-Sub) ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	2	HDMI version	2.1
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Line-in	✓
Non-ECC	✓	Microphone in	✓
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		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel H610
Supported storage drive interfaces *	M.2, SATA	Audio output channels *	7.1 channels
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	5	Motherboard form factor *	micro ATX
Graphics		Motherboard chipset family *	Intel
Parallel processing technology support *	Not supported	Cooling type	Passive
Internal I/O		Power source type	ATX
USB 2.0 connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 3.x) slots	1
S/PDIF out connector	✓	PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	1
		BIOS	
		BIOS type *	UEFI AMI

Internal I/O		BIOS	
Front panel audio connector	✓	BIOS memory size	128 Mbit
ATX Power connector (24-pin)	✓	Packaging data	
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	✓	Weight & dimensions	
12V power connector	✓	Width	234 mm
RGB LED pin header	✓	Depth	203 mm
		Packaging content	
		Cables included	SATA
		User guide	✓
		Other features	
		Weight	470 g



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