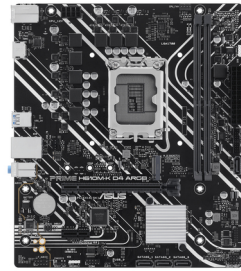# ASUS PRIME H610M-K D4 ARGB Intel H610 LGA 1700 micro ATX

Brand : ASUS

Product name : PRIME H610M-K D4 ARGB

Product code: 90MB1HN0-M0EAY0

- Intel® LGA 1700 Socket: Ready for 14th, 13th and 12th Gen Intel® processors
- Ultrafast Connectivity: PCIe 4.0, 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 5Gbps support
- Comprehensive Cooling: PCH heatsink and Fan Xpert
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
- Two-Way AI Noise Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
Intel H610 (LGA 1700) micro-ATX motherboard with DDR4, PCIe 4.0, M.2 slot, Realtek 1 Gb Ethernet, HDMI, USB 5Gbps, SATA 6 Gbps, Two-Way AI Noise Cancelation, 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 *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	3200,3000,2933,2800,2666,2400,2133 MHz
Supported memory clock speed (max)	3200 MHz
Maximum internal memory *	64 GB
Unbuffered memory	✓

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III

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
S/PDIF out connector	✓
Audio connector	✓
Front panel audio connector	✓

Internal I/O	
12V power connector	✓

Rear panel I/O ports	
USB 2.0 ports quantity *	4
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
HDMI ports 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 *	micro ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots	
PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	2
Number of M.2 (M) slots	1

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Packaging data	
Package width	270 mm

Internal I/O		**Packaging data**	
ATX Power connector (24-pin)	✔	Package depth	263 mm
CPU fan connector	✔	Package height	51.5 mm
Number of chassis fan connectors	1	Package weight	800 g
EPS power connector (8-pin)	✔	**Weight & dimensions**	
Number of COM connectors	1	Width	234 mm
TPM connector	✔	Depth	203 mm
		Packaging content	
		Cables included	SATA

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