

## ASUS PRIME H610M-A D4-CSM Intel H610 LGA 1700 micro ATX

**Brand :** ASUS

**Product code:** 90MB19P0-M0EAYC

**Product name :** PRIME H610M-A D4-CSM

- Intel LGA 1700 socket: Ready for 12th Gen Intel processors
  - Comprehensive cooling: VRM heatsink, PCH heatsink and Fan Xpert 2+
  - Ultrafast connectivity: 32Gbps M.2 slot, Intel 1 Gb Ethernet and USB 3.2 Gen 2 ports
  - Aura Sync RGB: Onboard addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
  - ASUS Control Center Express (ACCE) for easier IT endpoint management
- Intel H610, LGA1700, 2x DDR4, DP, HDMI, VGA, M.2, SATA III, 1G LAN, USB 3.2, mATX, 244x211 mm



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	PS/2 ports quantity	2
Maximum number of SMP processors	1	VGA (D-Sub) ports quantity *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM, LPDDR3-SDRAM	HDMI version	2.1
Number of memory slots *	2	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Network	
ECC compatibility	Non-ECC	Ethernet LAN	✓
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	64 GB	Wake-on-LAN ready	✓
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel H610
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Internal I/O		Component for *	PC
USB 2.0 connectors *	1	Motherboard form factor *	micro ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard chipset family *	Intel
Number of SATA III connectors *	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
S/PDIF out connector	✓	Expansion slots	
Front panel audio connector	✓	PCI Express x1 (Gen 3.x) slots	1
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	2

Internal I/O		BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	2	BIOS memory size	128 Mbit
Number of COM connectors	1	Logistics data	
TPM connector	✓	Harmonized System (HS) code	84733020
12V power connector	✓	Weight & dimensions	
RGB LED pin header	✓	Width	244 mm
Rear panel I/O ports		Depth	211 mm
USB 2.0 ports quantity *	4	Height	221 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Weight	382 g



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