

ASUS PRIME H610M-E-CSM Intel H610 LGA 1700 micro ATX

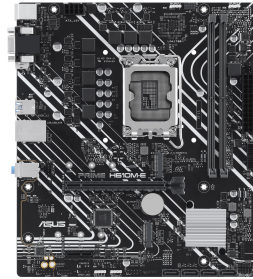
Brand : ASUS

Product code: 90MB1G10-M0EAYC

Product name : PRIME H610M-E-CSM

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Comprehensive Cooling: PCH heatsink and Fan Xpert 2+
- Ultrafast Connectivity: 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 3.2 Gen 1
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- ASUS Control Center Express: Real-time IT monitoring and management software for enhanced data protection

PRIME H610M-E-CSM Mainboard socket Intel LGA 1700 (Intel H610, mATX, DDR4 memory, PCIe 4.0, 2x M.2, COM header, RGB header)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	PS/2 ports quantity	2
	Intel® Core™ i5, Intel® Core™ i7,	VGA (D-Sub) ports quantity *	1
Supported processor sockets	Intel® Core™ i9, Intel® Pentium® Gold	HDMI ports quantity *	1
	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	✓
Non-ECC	✓	Network	
Supported memory clock speeds	4800,5000,5200,5400,5600 MHz	Ethernet LAN	✓
Supported memory clock speed (max)	5600 MHz	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	96 GB	Wi-Fi *	✗
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	Intel H610
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	6	Motherboard chipset family *	Intel
Graphics		Cooling type	Passive
Parallel processing technology support *	Not supported	Power source type	ATX
Internal I/O		Windows operating systems supported	Windows 10, Windows 11
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x1 (Gen 3.x) slots	1
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
S/PDIF out connector	✓	Number of M.2 (M) slots	2

Internal I/O		BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	128 Mbit
CPU fan connector	✓	Packaging data	
Number of chassis fan connectors	2	Package width	270 mm
EPS power connector (8-pin)	✓	Package depth	263 mm
Number of COM connectors	1	Package height	51.5 mm
TPM connector	✓	Package weight	890 g
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 *	2	Packaging content	
		Cables included	SATA
		User guide	✓



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