

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

Brand : ASUS

Product code: 90MB1C80-M0EAY0

Product name : PRIME H610M-A WIFI D4

- 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, WIFI 5 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

Intel® H610 (LGA 1700) mic-ATX motherboard with DDR4, PCIe 4.0, dual M.2 slots, Intel® 1 Gb Ethernet, WIFI 5, DisplayPort, HDMI®, D-Sub, USB 3.2 Gen 2 ports, SATA 6 Gbps, Addressable Gen 2 headers, and Arua Sync



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	PS/2 ports quantity	2
Processor socket *	LGA 1700	VGA (D-Sub) ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®, Intel® Pentium® Gold	HDMI ports quantity *	1
		HDMI version	2.1
		DisplayPorts quantity	1
Maximum number of SMP processors	1	DisplayPort version	1.4
		Headphone outputs	1
Memory		Microphone in	✓
Supported memory types *	DDR4-SDRAM	Network	
Number of memory slots *	2	Ethernet LAN	✓
Memory slots type	DIMM	Ethernet interface type	Gigabit Ethernet
Memory channels	Dual-channel	Wi-Fi *	✓
Non-ECC	✓	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Maximum internal memory *	64 GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.0
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
Graphics		Component for *	PC
Number of displays supported	3	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	2	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
Front panel audio connector	✓	Number of M.2 (M) slots	2
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	2		

Internal I/O		BIOS	
EPS power connector (8-pin)	✓	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	58 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Packaging content	
Ethernet LAN (RJ-45) ports *	1	Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	815 g



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