



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

Brand : ASUS

Product code: 90MB1G00-M0EAY0

Product name : PRIME H610M-A WIFI

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
 - Ultrafast Connectivity: PCIe 4.0, two M.2 slots, Intel® 1Gb Ethernet ,WIFI 5 and USB 3.2 Gen 2 support, front USB 3.2 Gen 1 Type-C®
 - Comprehensive Cooling: VRM heatsink, PCH heatsink and Fan Xpert 2+
 - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- Intel H610 (LGA 1700) mATX motherboard with DDR5, PCIe 4.0, dual M.2 slots, Intel 1Gb Ethernet, WIFI 5, DisplayPort, HDMI, VGA, USB 3.2 Gen 2 ports, Addressable Gen 2 headers, and Aura Sync



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	PS/2 ports quantity	2
		VGA (D-Sub) ports quantity *	1
Supported processor sockets	LGA 1700	HDMI ports quantity *	1
		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	✓
ECC compatibility	Non-ECC	WiFi-AP antenna jack	1
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	✓	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Storage controllers		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.0
Number of HDDs supported	4	Features	
Number of storage drives supported	6	Motherboard chipset *	Intel H610
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Component for *	PC
Internal I/O		Motherboard form factor *	micro ATX
USB 2.0 connectors *	2	Motherboard chipset family *	Intel
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of SATA III connectors *	4	Expansion slots	
		PCI Express x1 (Gen 3.x) slots	1

Internal I/O		Expansion slots	
S/DPDIF out connector	✓	PCI Express x16 (Gen 4.x) slots	1
Audio connector	✓	Number of M.2 (M) slots	2
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	128 Mbit
Number of chassis fan connectors	2	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Packaging data	
Number of COM connectors	1	Package width	270 mm
TPM connector	✓	Package depth	263 mm
12V power connector	✓	Package height	51.5 mm
RGB LED pin header	✓	Package weight	1.07 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	244 mm
		Depth	216 mm
		Packaging content	
		Cables included	SATA



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Publication date: 31-OCT-2024. Prints or copies of Information are only valid on the printed Publication date