

ASUS PRIME H510M-A WIFI Intel H510 LGA 1200 micro ATX

Brand : ASUS

Product code: 90MB17D0-M0EAY0

Product name : PRIME H510M-A WIFI

- Intel® LGA 1200 socket: Ready for 11th and 10th Gen Intel® Processors
- Comprehensive cooling: VRM heatsink, M.2 heatsink, PCH heatsink and Fan Xpert 2+
- Ultrafast connectivity: PCIe 4.0, 32Gbps M.2 slot, Intel® WiFi 5, Intel® 1 Gb Ethernet and USB 3.2 Gen 1
- Aura Sync RGB: Onboard addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware

Intel® H510, LGA1200, 2 x DDR4, 64GB max, M.2, 4 x SATA, Ethernet, Wi-Fi, Bluetooth, 2 x USB 3.2 Gen 1, 4 x USB 2.0, DisplayPort, D-Sub, HDMI, 3 x Audio jacks, 2 x PS/2, 128 Mb Flash ROM, UEFI AMI BIOS, microATX, 22.6 x 21.1cm



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1200	PS/2 ports quantity	2
Compatible processor series *	Intel® Celeron®, Intel® Core™ i5,	VGA (D-Sub) ports quantity *	1
	Intel® Core™ i7, Intel® Core™ i9,	HDMI ports quantity *	1
Maximum number of SMP processors	Intel® Pentium®	HDMI version	2.0
	1	DisplayPorts quantity	1
Memory		DisplayPort version	1.4
Supported memory types *	DDR4-SDRAM	Headphone outputs	1
Number of memory slots *	2	Microphone in	✓
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	Network	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	2133,2400,2666,2800,2933 MHz	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	64 GB	LAN controller	Intel® I219-V
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Supported storage drive types	HDD & SSD	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Supported storage drive interfaces *	M.2, SATA	WLAN controller model	Intel Dual Band Wireless-AC 9462
Number of storage drives supported	5	Bluetooth	✓
Graphics		Bluetooth version	5.1
Maximum resolution	4096 x 2304 pixels	Features	
Number of displays supported	3	Motherboard chipset *	Intel H510
Internal I/O		Audio chip	Realtek ALC887 / Realtek ALC897
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
Number of SATA III connectors *	4	Motherboard form factor *	micro ATX
S/PDIF out connector	✓	Motherboard chipset family *	Intel
Audio connector	✓	Power source type	ATX
Front panel audio connector	✓	Number of mounting holes	6
ATX Power connector (24-pin)	✓	Windows operating systems supported	Windows 10 x64

Internal I/O		Expansion slots	
Number of EATX power connectors	1	PCI Express x1 (Gen 3.x) slots	2
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	2	Number of M.2 (M) slots	1
Peripheral (Molex) power connectors (4-pin)	3	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	128 Mbit
TPM connector	✓	Clear CMOS jumper	✓
12V power connector	✓	Logistics data	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	226 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	211 mm
		Height	51 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	815 g



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