



ASUS PRIME H510M-A R2.0 Intel H510 LGA 1200 (Socket H5) micro ATX

Brand : ASUS

Product code: 90MB1FP0-M0EAY0

Product name : PRIME H510M-A R2.0



- 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: 32Gbps M.2 slot, Realtek 1Gb Ethernet and USB 3.2 Gen 1
 - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB headers for RGB LED strips, easily synced with Aura Sync-capable hardware
 - 5X Protection III: Multiple hardware safeguards for all-round protection
- Intel H470 (LGA 1200) micro ATX motherboard with PCIe 4.0, 32Gbps M.2 slot, DisplayPort/ HDMI/VGA, USB 3.2 Gen 1 ports, SATA 6 Gbps, AURA Addressable Gen 2 headers, AURA SYNC, Armoury Crate, Q-LED Core

Processor		Internal I/O	
Processor manufacturer *	Intel	12V power connector	✓
Processor socket *	LGA 1200 (Socket H5)	RGB LED pin header	✓
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	Rear panel I/O ports	
Supported processor sockets	LGA 1200 (Socket H5)	USB 2.0 ports quantity *	2
Memory		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Supported memory types *	DDR4-SDRAM	Ethernet LAN (RJ-45) ports *	1
Number of memory slots *	2	PS/2 ports quantity	2
Memory slots type	DIMM	VGA (D-Sub) ports quantity *	1
Memory channels	Dual-channel	HDMI ports quantity *	1
Non-ECC	✓	DisplayPorts quantity	1
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz	Headphone outputs	1
Supported memory clock speed (max)	3200 MHz	Line-in	✓
Maximum internal memory *	64 GB	Microphone in	✓
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	Gigabit Ethernet
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi *	✗
Number of HDDs supported	4	Features	
Number of storage drives supported	5	Motherboard chipset *	Intel H510
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 *	3	Motherboard chipset family *	Intel
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10 x64
Number of SATA III connectors *	4	Expansion slots	
S/PDIF out connector	✓	PCI Express x1 (Gen 3.x) slots	2
		Number of M.2 (M) slots	1
		BIOS	
		BIOS type *	UEFI AMI

Internal I/O		BIOS	
Audio connector	✓	BIOS memory size	128 Mbit
Front panel audio connector	✓	Packaging data	
ATX Power connector (24-pin)	✓	Package width	260 mm
CPU fan connector	✓	Package depth	270 mm
Number of chassis fan connectors	2	Package height	51.5 mm
EPS power connector (8-pin)	✓	Package weight	1.03 kg
Number of COM connectors	1	Weight & dimensions	
TPM connector	✓	Width	226 mm
		Depth	211 mm
		Packaging content	
		Cables included	SATA



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Publication date: 29-OCT-2024. Prints or copies of Information are only valid on the printed Publication date