

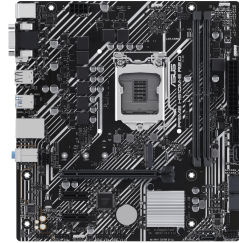
## ASUS PRIME H510M-E R2.0 Intel H470 LGA 1200 (Socket H5) micro ATX

**Brand :** ASUS

**Product code:** 90MB1FQ0-M0EAY0

**Product name :** PRIME H510M-E R2.0

- Intel® LGA 1200 socket: Ready for 11th and 10th Gen Intel® Processors
  - Comprehensive cooling: PCH heatsink and Fan Xpert
  - 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
- Prime H510M-E R2.0 motherboard socket Intel LGA1200 (Intel H470 chipset, mATX, DDR4, USB 3.2 Gen 1, M.2, 1Gb Ethernet, Aura Sync)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	LGA 1200 (Socket H5)	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	PS/2 ports quantity	2
		VGA (D-Sub) ports quantity *	1
		HDMI ports quantity *	1
Supported processor sockets	LGA 1200 (Socket H5)	HDMI version	2.1
Memory		DisplayPorts quantity	1
Supported memory types *	DDR4-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	2133,2400,2666,2800,2933,3000,3200 MHz	Ethernet LAN	✓
Supported memory clock speed (max)	3200 MHz	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	64 GB	Wi-Fi *	✗
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	Intel H470
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	5	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
		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 3.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	1
S/PDIF out connector	✓		

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	1	Package width	260 mm
EPS power connector (8-pin)	✓	Package depth	270 mm
Number of COM connectors	1	Package height	51.5 mm
TPM connector	✓	Package weight	1.03 kg
12V power connector	✓	Weight & dimensions	
RGB LED pin header	✓	Width	226 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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