

ASUS Prime H510M-E Intel 10th and 11th Gen Micro ATX Motherboard

Sale Price: 10500.0



PRODUCT ID: 00608

Basic Information

Supported CPU	Intel Socket LGA1200 for 11th Gen Intel Core Processors & 10th Gen Intel Core, Pentium Gold and Celeron Processors Supports Intel 14 nm CPU Supports Intel Turbo Boost Technology 2.0 and Intel Turbo Boost Max Technology 3.0
Chipset	Intel H510 Chipset
BIOS	128 Mb Flash ROM, UEFI AMI BIOS
Form Factor	microATX: 22.6cm x 21.1cm

Expansion Slots

PCI	Intel 11th & 10th Gen Processors 1 x PCIe 4.0/ 3.0 x16 slot - Intel 11th Gen processors support PCIe 4.0 x16 - Intel 10th Gen processors support PCIe 3.0 x16 Intel H510 Chipset 2 x PCIe 3.0 x1 slots
M.2 Socket	Supports 1 x M.2 slot and 4 x SATA 6Gb/s ports Intel H510 Chipset M.2 slot (Key M), type 2242/ 2260/ 2280 (supports PCIe 3.0 x4 & SATA modes)

Memory

Type	DDR4
Slots	2 x DIMM

Basic Information

Supported Memory	DDR4 3200(OC)/ 2933/ 2800/ 2666/ 2400/ 2133 MHz Non-ECC, Un-buffered Memory Dual Channel Memory Architecture Supports Intel Extreme Memory Profile (XMP) 10th Gen Intel Core i7/ i9 processors support 2933/ 2800/ 2666/ 2400/ 2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz. 11th Gen Intel processors support 2933/ 2800/ 2666/ 2400/ 2133 natively.
Maximum Memory	64GB (32 GB single DIMM capacity)

Graphics

Graphics	1 x DisplayPort 1.4 1 x D-Sub 1 x HDMI 1.4/ 2.0
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Connector & Ports

HDMI	1 x HDMI 2.0
Display Port (s)	1 x DisplayPort 1.4
D-Sub (s)	1 x D-Sub
USB (s)	Rear USB:Total 4 ports 2 x USB 3.2 Gen 1 ports (2 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB:Total 6 ports 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports
LAN Port (s)	1 x Intel I219-V 1Gb Ethernet
Supported Storage	Supports 1 x M.2 slot and 4 x SATA 6Gb/s ports Intel H510 Chipset M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes) 4 x SATA 6Gb/s ports
Audio	Realtek ALC897/ 887 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - Premium Japanese audio capacitors - Dedicated audio PCB layers

Basic Information

Internal I/O Ports	Fan and Cooling related 1 x 4-pin CPU Fan header 1 x 4-pin Chassis Fan header Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector Storage related 1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports Miscellaneous 1 x RGB header 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x S/PDIF Out header 1 x Speaker header 1 x 10-1 pin System Panel header
TPM (Trusted Platform Module)	1 x SPI TPM header (14-1pin)

Warranty Information

Manufacturing Warranty	3 Years
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