

ASUS PRIME H510M-E - motherboard - micro ATX - LGA1200 Socket - H510



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SKU	90MB17E0-M0EAY0
Product Description:	ASUS PRIME H510M-E - motherboard - micro ATX - LGA1200 Socket - H510
Product Type:	Motherboard - micro ATX
Chipset Type:	Intel H510
Processor Socket:	1 x LGA1200 Socket
Compatible Processors:	(supports 11th and 10th Generation Intel Core i5 / i7 / i9, 10th Generation Intel Core i3 / Pentium / Celeron)
Max RAM Size:	64 GB
RAM Supported:	2 DIMM slots - DDR4, non-ECC, unbuffered

General

Product Type:	Motherboard - micro ATX
Chipset Type:	Intel H510
Processor Socket:	LGA1200 Socket
Max Processors Qty:	1
Compatible Processors:	(supports 11th and 10th Generation Intel Core i5 / i7 / i9, 10th Generation Intel Core i3 / Pentium / Celeron)

Supported RAM

Max Size:	64 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 2666 MHz, 2933 MHz, 3200 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC
Registered or Buffered:	Unbuffered

Miscellaneous

Included Accessories:	I/O back plate, 1 x M.2 screw
Cables Included:	2 x Serial ATA cable
Software Included:	Drivers & Utilities, ASUS AI Charger, ASUS CPU-Z, ASUS AI Suite III, ASUS EZ Update, DAEMON Tools, WinRAR, Norton AntiVirus (Trial)
Compliant Standards:	DisplayPort 1.4
Width:	22.6 cm
Depth:	21.1 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Supported RAM

Features:	Dual channel memory architecture, Intel Extreme Memory Profiles (XMP)
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Audio

Type:	HD Audio (8-channel)
Audio Codec:	Realtek ALC887/ALC897
Compliant Standards:	High Definition Audio

LAN

Network Controller:	Intel I219V
Network Interfaces:	Gigabit Ethernet

Features

Hardware Features:	Jack retasking, ASUS Q-Design, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), ASUS Fan Xpert, Intel Turbo Boost Technology 2.0, ASUS DIGI+ VRM, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, LANGuard, ASUS Overvoltage Protection, ASUS 5X Protection III, ASUS SafeSlot Core, Intel Turbo Boost Max Technology 3.0, Armoury Crate
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Expansion / Connectivity

Expansion Slots:	1 x CPU 2 x DIMM 288-pin 1 x PCIe 4.0 x16 (PCIe 4.0 (11th Gen Intel CPUs), PCIe 3.0 (10th Gen Intel CPUs)) 2 x PCIe 3.0 x1
Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA SATA-600 / PCIe 3.0 -connectors: 1 x M.2
Interfaces:	1 x HDMI 1 x VGA 1 x DisplayPort 2 x USB 3.2 Gen 1 2 x USB 2.0 1 x PS/2 keyboard 1 x audio line-in - mini-jack 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x PS/2 mouse 1 x LAN (Gigabit Ethernet)
Internal Interfaces:	4 x USB 2.0 - header 2 x USB 3.2 Gen 1 - header 1 x SPDIF out - header 1 x audio - header 1 x speaker - header
Power Connectors:	24-pin main power connector, 8-pin ATX12V connector

