

# Comparing Performance and Affordability: H510 Motherboard Price Analysis

In this article, we will comprehensively analyze the H510 Motherboard price.

**Mumbai, Maharashtra Jan 3, 2024 ([IssueWire.com](https://www.issuewire.com))** - The Intel H510 chipset is an excellent option compatible with the latest 12th-generation Intel Core processors. Offering a cost-effective alternative, the H510 chipset provides essential features and functionality for everyday computing and gaming. However, one may wonder about its performance and affordability compared to other chipsets. In this article, we will comprehensively analyze the **H510 Motherboard price**.

## H510 chipset Overview

The H510 chipset belongs to the entry-level category of the Intel 500 series platform. It is designed to support the 12th-generation Intel Core processors (Alder Lake) with a compatible LGA 1700 socket.

- PCIe 4.0 support for one x16 slot and one M.2 slot
- DDR5 memory support for up to 64 GB and 3200 MHz
- USB 3.2 Gen 1 support for up to four ports
- SATA 6 Gbps support for up to four ports
- Intel High Definition Audio support
- Intel Gigabit LAN support

It is essential to note that the H510 chipset lacks certain advanced features in higher-end chipsets like the Z590, B560, and H570.

- PCIe 4.0 support for more than one x16 slot and one M.2 slot
- PCIe 3.0 supports more than six lanes
- DDR5 memory support for more than 3200 MHz
- USB 3.2 Gen 2x2 support
- USB 3.2 Gen 2 support
- Thunderbolt 4 support
- Wi-Fi 6E support
- Intel Optane Memory support
- Intel Smart Sound Technology support
- Intel Rapid Storage Technology support

## What are some of the best H510 motherboards, and how much do they cost?

Discover the [top H510 motherboards](#) available for online purchase!

- The MSI H510M PRO-E is among the best options, a micro-ATX powerhouse. This motherboard boasts a 10-phase power design and offers exceptional stability and performance. Equipped with a PCIe 4.0 x16 slot with steel armor, it ensures optimal GPU support. With four USB 3.2 Gen 1 ports, seamless connectivity is guaranteed. The integrated Realtek Gigabit LAN and 7.1 HD audio with audio boost deliver an immersive gaming experience. Notably, its passive cooling system, chipset heatsink, and thickened copper PCB enhance durability and dissipate heat effectively. Experience the power of MSI Core Boost technology and the convenience of MSI Display Pilot software with this remarkable motherboard. The price of this motherboard is

₹8,190.

- The ASUS Prime H510M-E is a highly advanced micro-ATX motherboard built to elevate your computing experience. This motherboard is designed with an impressive eight-power stage layout and ensures robust task performance. Equipped with a cutting-edge PCIe 4.0 x16 slot, four lightning-fast USB 3.2 Gen 1 ports, an Intel Gigabit LAN, and captivating 7.1 HD audio, every aspect of your setup is optimized for excellence. Experience enhanced stability with the chipset heatsink and fan Xpert 2+ software while benefiting from ASUS OptiMem technology, ASUS Aura Sync RGB lighting, and ASUS AI Noise Canceling software. This remarkable motherboard, priced at just ₹8,499, guarantees top-notch quality and unrivaled value.
- The Gigabyte H510M S2H is a highly performant micro-ATX motherboard for optimal gaming experiences. Equipped with a 12+1 phase digital VRM, gamers can enjoy smooth power delivery and stability. Additionally, the Realtek 2.5G LAN offers lightning-fast internet connectivity. The 7.1 HD audio system provides immersive audio. The Gigabyte H510M S2H boasts a passive cooling system, incorporating a chipset heatsink and Smart Fan 5 software. It is an excellent investment for any gaming enthusiast at ₹8,190.

## Conclusion

**Buy the H510 Motherboard**, which strikes the perfect balance, boasting superior power delivery, connectivity, and audio systems. Furthermore, it showcases a commendable cooling system. If you seek an exceptional option that offers top-notch features at a reasonable price, look no further than the Gigabyte H510M S2H.

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