



SPECIFICATIONS

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name | H510M-A PRO |
| CPU Support | Supports 10 th Gen Intel® Core™ Processors, 11 th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors |
| CPU Socket | LGA 1200 |
| Chipset | Intel® H510 Chipset |
| Graphics Interface | 1x PCIe 4.0 x16 slot |
| Display Interface | Support 4K@60Hz as specified in HDMI™ 2.0b, VGA - Requires Processor Graphics |
| Memory Support | 2 DIMMs, Dual Channel DDR4-3200MHz (MAX) |
| Expansion Slots | 1x PCIe 3.0 x1 slot 1x M.2 2230 with E-Key for WiFi Module |
| Storage | 1x M.2 Gen3 x4 slot 4x SATA 6Gb/s ports |
| USB ports | 4x USB 3.2 Gen 1 5Gbps(4 Type-A) 6x USB 2.0 |
| LAN | Intel® I219-V 1G LAN |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost |

FEATURES



Optimum Thermal Solution

Wavy Fin Design, Direct Touch Cross Heat-pipe, MOSFET Baseplate, double-sided M.2 Shield Frozr, and Frozr AI software ensure the extreme performance with low temp.



Lightning Gen4 Solution

The latest Gen4 PCI-E solution with up to 64GB/s bandwidth for maximum transfer speed.



DDR4 Boost

Advanced technology to deliver pure data signals for the best gaming performance and stability.



Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.



EZ Debug LED

Easiest way to troubleshoot.



Frozr AI Cooling

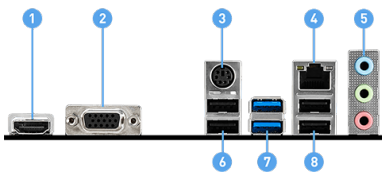
Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.



Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.

CONNECTIONS



- | | |
|-------------------------------|-------------|
| 1. HDMI™ | 2. VGA |
| 3. Mouse / Keyboard | 4. LAN port |
| 5. Audio connector | 6. USB 2.0 |
| 7. USB 3.2 Gen 1 5Gbps Type-A | 8. USB 2.0 |