



## SPECIFICATIONS

<b>Model Name</b>	H510M PRO-E
<b>CPU Support</b>	Supports 10 <sup>th</sup> Gen Intel® Core™ Processors, 11 <sup>th</sup> Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
<b>CPU Socket</b>	LGA 1200 socket
<b>Chipset</b>	Intel® H510 Chipset
<b>Graphics Interface</b>	1x PCIe 4.0 x16 slot
<b>Display Interface</b>	Support 4K@30Hz as specified in HDMI™ 1.4, VGA - Requires Processor Graphics
<b>Memory Support</b>	2 DIMMs, Dual Channel DDR4-3200MHz (MAX)
<b>Expansion Slots</b>	2x PCIe 3.0 x1 slots
<b>Storage</b>	4x SATA 6Gbps ports
<b>USB ports</b>	4x USB 3.2 Gen 1 5Gbps (4 Type-A) 6x USB 2.0
<b>LAN</b>	Realtek® RTL8111 Gigabit LAN
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## FEATURES

- DDR4 Boost**  
 Advanced technology to deliver pure data signals for the best gaming performance and stability.
- Lightning Gen4 Solution**  
 The latest Gen4 PCI-E solution with up to 64GB/s bandwidth for maximum transfer speed.
- 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.
- Core Boost**  
 With premium layout and fully digital power design to support more cores and provide better performance.
- 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.

## CONNECTIONS



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