



## FEATURES



### EZ PCIe Clip II

Allows for easy removal of the graphics card by pressing the tail-like lock with one finger, even in the cramped case spaces.



### Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



### Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



### 2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



### Froze AI Cooling

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



### EZ Debug LED

Easiest way to troubleshoot.



### Memory Boost

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



### Core Boost

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



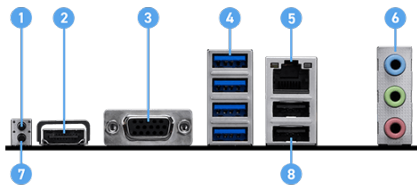
### Audio Boost

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

## SPECIFICATIONS

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>Model Name</b>        | PRO B840M-B                                                                     |
| <b>CPU Support</b>       | Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors                |
| <b>CPU Socket</b>        | AMD Socket AM5                                                                  |
| <b>Chipset</b>           | AMD B840 Chipset                                                                |
| <b>Expansion Slots</b>   | 1 x PCIe 4.0 x16 slot<br>1 x PCIe 3.0 x1 slot                                   |
| <b>Display Interface</b> | Support 4K@60Hz as specified in HDMI™ 2.1, VGA<br>– Requires Processor Graphics |
| <b>Memory Support</b>    | 2 DIMMs, Dual Channel DDR5 – 8000+ MT/s (OC)                                    |
| <b>Storage</b>           | 2 x M.2 Gen4 x4 64Gbps slots,<br>4 x SATA 6Gbps ports                           |
| <b>USB ports</b>         | 7 x USB 5Gbps (6 Type-A + 1 Type-C),<br>6 x USB 2.0                             |
| <b>LAN</b>               | Realtek® 8125 2.5G LAN                                                          |
| <b>Audio</b>             | 8-Channel (7.1) HD Audio with Audio Boost                                       |

## CONNECTIONS



- |                      |                     |
|----------------------|---------------------|
| 1. Clear CMOS Button | 2. HDMI™            |
| 3. VGA               | 4. USB 5Gbps Type-A |
| 5. 2.5G LAN          | 6. Audio Connectors |
| 7. Flash BIOS Button | 8. USB 2.0          |