



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

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