PLACAS MADRE

PRO B840-S EVO WIFI6E

BUSINESS ELEGANCE



SPECIFICATIONS

Model Name	PRO B840-S EVO WIFI6E
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 x4 slot
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8000+ MT/s (OC)
Storage	2 x M.2 Gen4 x4 64Gbps slots 1 x M.2 Gen3 x4 32Gbps slot 4 x SATA 6Gbps ports
USB ports	2 x USB 10Gbps (1 Type-A + 1 Type-C) 5 x USB 5Gbps (4 Type-A + 1 Type-C) 8 x USB 2.0
LAN	Realtek® 8125 2.5G LAN
WiFi / BT	Wi-Fi 6E Solution, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

64MB BIOS

A larger BIOS ROM capacity allows the motherboard to support next-level CPU upgrades with better compatibility.

Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.

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.

M.2 Shield Frozr

Built-in M.2 thermal solution keeps M.2 SSDs safe, prevents throttling and maintains the performance.

2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.

Frozr AI Cooling

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

CONNECTIONS



1. Clear CMOS Button
2. USB 10Gbps Type-A
3. USB 2.0
4. 2.5G LAN
5. Wi-Fi / Bluetooth
6. Audio connectors
7. Flash BIOS Button
8. HDMI™
9. USB 10Gbps Type-C
10. USB 5Gbps Type-A

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