



SPECIFICATIONS

Model Name	PRO B850-VC WIFI
CPU Support	Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD B850 Chipset
Expansion Slots	1 x PCIe 5.0 x16 slot 1 x PCIe 4.0 x4 slot 2 x PCIe 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR5 - 8200+ MT/s (OC)
Storage	1 x M.2 PCIe 5.0 x4 slot, 1 x M.2 PCIe 4.0 x4 slot, 1 x M.2 PCIe 4.0 x2 slot, 4 x SATA 6Gb/s ports
USB ports	3 x USB 10Gbps (1 Type-A + 2 Type-C), 6 x USB 5Gbps (5 Type-A + 1 Type-C), 8 x USB 2.0
LAN	Realtek® RTL8126 5Gbps LAN
Wireless / Bluetooth	AMD Wi-Fi 7, Bluetooth 5.4
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES

- Wi-Fi 7**
 The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.
- 5G Network Solution**
 Featuring premium 5G LAN to deliver better network experience.
- Lightning Gen 5**
 The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.
- 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.
- EZ Antenna**
 EZ Antenna makes the process effortless by simply attaching fasteners to the motherboard without rotation.
- Latest DDR5 Memory**
 A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.
- Flash BIOS Button**
 Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.

CONNECTIONS

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