



SPECIFICATIONS

Model Name	PRO B650-VC WIFI II
CPU Support	Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors
CPU Socket	Socket AM5
Chipset	AMD B650 Chipset
Expansion Slots	1x PCIe 4.0 x16 slot 3x 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 DDR5-7800+MHz(OC)
Storage	3x M.2 Gen4 x4 64Gbps slots, 4x SATA 6Gbps ports
USB ports	2x USB 3.2 Gen 2 10Gbps (2 Type-A), 7x USB 3.2 Gen 1 5Gbps (6 Type-A + 1 Type-C), 8x USB 2.0
LAN	Realtek® RTL8111H Gigabit LAN
Wireless / Bluetooth	AMD® Wi-Fi 6E, Bluetooth 5.3
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



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.



Wi-Fi 6E

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



Frozr 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

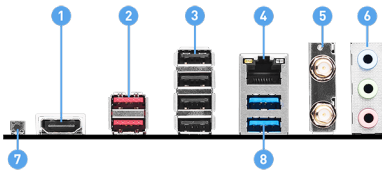
Advanced technology to deliver pure data signals for the best performance, stability and compatibility.



Core Boost

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

CONNECTIONS



- | | |
|----------------------|----------------------------------|
| 1. HDMI™ | 2. USB 3.2 Gen 2 10Gbps (Type-A) |
| 3. USB 2.0 | 4. LAN port |
| 5. Wi-Fi / Bluetooth | 6. Audio connectors |
| 7. Flash BIOS Button | 8. USB 3.2 Gen 1 5Gbps (Type-A) |