Copper PCB

FEATURES

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
Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster.

PCI-E Steel Armor
Protecting VGA cards against bending and EMI

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

DDR4 Boost
Advanced technology to deliver pure data signals for the best gaming performance and stability.

EZ Debug LED
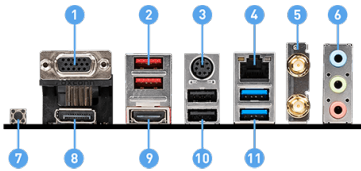Easiest way to troubleshoot.

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

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

SPECIFICATIONS

Model Name	PRO B550M-VC WIFI
CPU Support	Supports AMD Ryzen™ 5000 Series, 5000 G-Series, 4000 G-Series, and 3000 Series processors
CPU Socket	AMD Socket AM4
Chipset	AMD® B550 Chipset
Expansion slots	1x PCIe 4.0 x16 slot 3x PCIe 3.0 x16 slots
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort, VGA – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4400 MHz (OC)
Storage	1x M.2 Gen4 x4 slot 1x M.2 Gen3 x4 slot 8x SATA 6Gb/s ports
USB ports	2x USB3.2 Gen 2 10Gbps (2 Type-A) 5x USB 3.2 Gen 1 5Gbps (4 Type-A + 1 Type-C) 6x USB 2.0
LAN	Realtek® RTL8111GN/ RTL8111HN Gigabit LAN
Wi-Fi / Bluetooth	AMD Wi-Fi 6E Module, Bluetooth 5.2
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS

1. VGA
2. USB 3.2 Gen 2 10Gbps Type-A
3. Keyboard / Mouse
4. LAN port
5. Wi-Fi / Bluetooth
6. Audio connector
7. Flash BIOS Button
8. DisplayPort
9. HDMI™
10. USB 2.0
11. USB 3.2 Gen 1 5Gbps Type-A