



msi

MOTHERBOARD

B550-A PRO

BUSINESS ELEGANCE



Copper PCB



SPECIFICATION

Model Name	B550-A PRO
CPU Support	Support for 3rd Gen AMD® Ryzen™ processors and future AMD® Ryzen™ processors with BIOS update
CPU Socket	AMD Socket AM4
Chipset	AMD® B550 Chipset
Graphics Interface	1x PCIe 4.0 / 3.0 x16 slot + 1x PCIe 3.0 x16 slot Support 2-way AMD® CrossFire™ Technology
Display Interface	DisplayPort, HDMI – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4400 MHz (OC)
Expansion Slots	2x PCI-E 3.0 x1 slots
Storage	1 x M.2 Gen4 x4, 1 x M.2 Gen3 x4 slot 6x SATA 6Gb/s ports
USB ports	2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C) + 5x USB 3.2 Gen 1 5Gbps (4 Type-A+ 1 Type-C) + 8 x USB 2.0
LAN	Realtek® RTL8111H Gigabit LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS



1. Keyboard / Mouse
2. DisplayPort
3. LAN
4. HD Audio Connectors
5. Flash BIOS Button
6. USB 2.0
7. HDMI
8. USB 2.0
9. USB 3.2 Gen 1 5Gbps Type-A
10. USB 3.2 Gen 2 10Gbps Type-A+C

FEATURE

CORE BOOST

Core Boost

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

DDR4 BOOST

DDR4 Boost

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



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.



2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.



PCI-E Steel Armor

Protecting VGA cards against bending and EMI



EZ Debug LED

Easiest way to troubleshoot.

AUDIO BOOST

Audio Boost

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