PLACAS MADRE

PRO B550M-P

BUSINESS ELEGANCE

FEATURES

Lightning Gen4 Solution

The Gen4 PCI-E solution with up to 64GB/s bandwidth for maximum transfer speed.

Frozr AI Cooling

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

EZ Debug LED

Easiest way to troubleshoot.

PCI-E Steel Armor

Protecting VGA cards against bending and EMI

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.

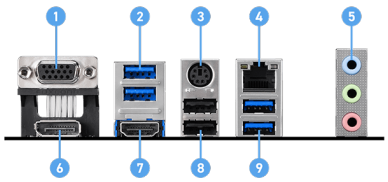
Audio Boost

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

SPECIFICATIONS

Model Name	PRO B550M-P
CPU Support	Support AMD Ryzen™ 5000 Series, 5000 G-Series, 4000 G-Series, 3000 Series, and 3000 G-Series processors
CPU Socket	AMD Socket AM4
Chipset	AMD® B550 Chipset
Expansion slots	1 x PCIe 4.0 x16 slot 2 x PCIe 3.0 x1 slots
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4, VGA – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4 - 4400+ MT/s (OC)
Storage	1 x M.2 Gen4 x4 64Gbps slot 1 x M.2 Gen3 x4 32Gbps slot 4 x SATA 6Gbps ports
USB ports	7 x USB 5Gbps (6 Type-A + 1 Type-C) 6 x USB 2.0
LAN	Realtek® RTL8111H Gigabit LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS



1. VGA
2. USB 5Gbps Type-A
3. Keyboard / Mouse
4. LAN port
5. Audio connectors
6. DisplayPort
7. HDMI™
8. USB 2.0
9. USB 5Gbps Type-A

Generated 2026-10-08, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.

© 2026 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.