



**Mainboard
ASROCK AMD
B550 SAM4
MicroATX 1xPCI-
Express 3.0 1x
1xPCI-Express
3.0 16x 1xM.2
1xPCI-Express
4.0 16x Memory
DDR4 Memory
slots 4 1x15pin
D-sub 1xHDMI
1xDisplayPort
2xUSB 2.0
1xUSB type C
5xUSB 3.2
1xPS/2 1xRJ45
3xAudio port
B550MPRO4**

Model: B550MPRO4

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Manufacturer: ASROCK

EAN: 4710483931598

Product Code: 725809

R2,579

IT'S TIME FOR B550 MOTHERBOARDS

Everything You Need For Computing

Nahimic Audio

Whether you are using headphones, a headset, external or internal speakers, via USB, Wi-Fi, analog output or even HDMI, Nahimic Audio offers you the most engaging listening experience, vibrant and rich with details.

The Sound Tracker is a visual indicator that points out the directions from which predominant sounds are coming. Each sound is properly positioned in 360° on a radar for a full immersion during the game.

8 Power Phase Design

Featuring sturdy components and completely smooth power delivery to the CPU. Plus, it offers unmatched overclocking capabilities and enhanced performance with the lowest temperature for advanced gamers as well.

Premium 50A Power Choke

Compared to traditional chokes, ASRock's premium 50A power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the motherboard.

2oz Copper PCB

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2 ounce copper inner layers that provide stable signal traces and power shapes! Delivering lower temperature and higher energy efficiency for overclocking, it's able to support the latest DDR4 memory modules with most extreme memory performance!

RULE YOUR OWN LIGHTING WAY - POLYCHROME RGB

This motherboard features onboard RGB headers and an addressable RGB header that allow motherboard to be connected to compatible LED devices such as strip, CPU fans, coolers, chassis and so on. Users may also synchronize RGB LED devices across the Polychrome RGB Sync-certified accessories to create their own unique lighting effects.

A SOLID M.2-SOLUTION PERFORMER

Dual M.2 For SSD, Supports Type 22110 M.2

Ready for higher capacity and even faster Type 22110 M.2 NVMe SSD to fulfill the need of performance. Hyper M.2 socket that supports PCIe Gen4 x4 while M.2 socket is capable of running PCIe Gen3 x2 and SATA3 mode.

M.2 Armors

Good M.2 SSD protection is important for longevity and stability. ASRock provides a completed M.2 armor solution that makes SSDs to run in a certain low temperature.

Reinforced Steel Slot [PCIe 4.0 Version]

The reinforced steel slot comes with the next generation PCI Express 4.0 standard. The various benefits include:

- ✓ Extra anchor points
- ✓ Stronger latch
- ✓ Ensure signal stability
- ✓ Make sure heavy graphics cards to be well-installed.

Dual USB 3.2 Gen2 (Type-A + Type-C)

This motherboard has a pair of onboard Type-A and Type-C USB 3.2 Gen2 ports built on the rear i/o for supporting next generation USB 3.2 Gen2 devices and to deliver up to 10 Gbps data transfer rates.

M.2 (KEY E) For WiFi

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Besides the onboard LAN port, users may also choose 802.11ac wireless connections by M.2 (Key E) slot.

Post Status Checker

An easy troubleshooting tool that shows the CPU / DRAM / VGA / BOOT operation every time you start up the system. Post Status Checker is an fast and easy way to identify the source of the problem.

- Supports 3rd Gen AMD AM4 Ryzen™ / Future AMD Ryzen™ Processors
- 8 Power Phase Design, Digi Power
- Supports DDR4 4733+ (OC)
- 1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 PCIe 3.0 x1, 1 M.2 Key E for WiFi
- Graphics Output Options: HDMI, DisplayPort, D-Sub
- AMD CrossFireX™
- 7.1 CH HD Audio (Realtek ALC1200 Audio Codec), Nahimic Audio
- 6 SATA3, 1 Hyper M.2 (PCIe Gen4 x4), 1 M.2 (PCIe Gen3 x2 & SATA3)
- 2 USB 3.2 Gen2 (Rear Type A+C), 8 USB 3.2 Gen1 (4 Front, 4 Rear)
- Realtek Gigabit LAN

Summary: Asrock B550M Pro4. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Parallel processing technology support: CrossFireX, Quad-GPU CrossFireX, Maximum resolution: 5120 x 2880 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H | Vendor Homepage: <https://www.asrock.com/mb/AMD/B550M%20Pro4/#Overview> | Audio chip: Realtek ALC1200 | Audio output channels: 7.1 | Certification: FCC, CE ErP/EuP ready (ErP/EuP ready power supply is required) | Component for: PC | Motherboard chipset: AMD B550 | Motherboard chipset family: AMD | Motherboard form factor: micro ATX | PC health monitoring: CPU/Fan/Temperature/Voltage | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Compatible processor series: AMD Ryzen 3000 Series | Maximum number of SMP processors: 1 | Processor manufacturer: AMD | Processor socket: Socket AM4 | Supported processor sockets: Socket AM4 | ECC compatibility: ECC & Non-ECC | Maximum internal memory: 128 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory clock speed (max): 4733 | Supported

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memory clock speeds:

2133/2400/2667/2933/3200/3466/3600/3733/3800/3866/4000/4133/4200/4266/4333/4400/4466/4533/4600

| Supported memory module capacities: 16GB/32GB/4GB/8GB | Supported memory types: DDR4-SDRAM | Unbuffered memory: Yes | RAID levels: 0/1/10 | RAID support: Yes | Supported storage drive interfaces: M.2,SATA III | Supported storage drive types: HDD & SSD | DirectX version: 12.0 | HDCP: Yes | Maximum resolution: 5120 x 2880 | Number of displays supported: 3 | Parallel processing technology support: CrossFireX/Quad-GPU CrossFireX | 12V power connector: Yes | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | EPS power connector (8-pin): Yes | Front panel audio connector: Yes | Front panel connector: Yes | Number of chassis fan connectors: 4 | Number of COM connectors: 1 | Number of SATA II connectors: 6 | RGB LED pin header: Yes | TPM connector: Yes | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 2 | DisplayPort version: 1.4 | DisplayPorts quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Microphone in: Yes | PS/2 ports quantity: 1 | USB 2.0 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 4 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | VGA (D-Sub) ports quantity: 1 | Ethernet interface type: Gigabit Ethernet | Ethernet LAN: Yes | LAN controller: Realtek RTL8111H | Wake-on-LAN ready: Yes | Wi-Fi: No | Number of M.2 (M) slots: 3 | PCI Express x1 (Gen 3.x) slots: 1 | PCI Express x16 (Gen 3.x) slots: 1 | PCI Express x16 (Gen 4.x) slots: 1 | ACPI version: 5.1 | BIOS memory size: 256 | BIOS type: UEFI AMI | System Management BIOS (SMBIOS) version: 2.3 | Harmonized System (HS) code: 84733020 | Depth: 244 | Height: 70 | Width: 244 | Cables included: SATA | Drivers included: Yes | Weight: 465 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.005011 | Unit Calculated Weight: 1.39

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