



**Mainboard  
ASROCK AMD  
B450 SAM4 ATX  
4xPCI-Express  
2.0 1x 2xPCI-  
Express 3.0 16x  
2xM.2 Memory  
DDR4 Memory  
slots 4 1x15pin  
D-sub 1xHDMI  
1xDisplayPort  
2xAudio-In  
1xAudio-Out  
2xUSB 2.0  
1xUSB type C  
5xUSB 3.2  
1xPS/2 1xRJ45  
B450PRO4R2.0**

Modelis: B450PRO4R2.0

Gamintojas: ASROCK

EAN: 4710483932786

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš išsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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# 77.98€

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## **10 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.

## **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.

## **Dual M.2 For SSD**

One PCIe Gen3 x4 Ultra M.2 interface that pushes data transfer speeds up to 32Gb/s. The other one supports PCIe Gen3 x2 & SATA3 M.2 modules.

## **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.

## **2oz Copper**

It comes with 2 ounces copper inner layers, using only carefully selected copper materials for PCB layers, delivering lower temperature and higher energy efficiency for overclocking.

## **AMD StoreMI Technology**

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A powerful tool that combines the speed of your SSD with the capacity of your hard disk into a single, fast, easy-to-manage drive, AMD StoreMI technology “combines” these two types of storage into a single drive and automatically moves the data you access the most to the SSD, so you get the best of both worlds.

### **Premium Power Choke**

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

### **Sapphire Black PCB**

Pure black PCB appearance. The new Sapphire Black PCB represents rock-solid quality and gives the motherboard a more mysterious touch.

### **2oz Copper PCB**

Using only carefully selected copper materials for PCB layers, 2oz Copper PCB delivers lower temperature and higher energy efficiency for overclocking.

### **3 Graphics Outputs**

Complete with all three types of most used connectors! Packed with a D-Sub + DisplayPort + HDMI combo. Plus the HDMI port supports 4K resolution.

### **Triple Monitor**

Graphics, graphics and even more graphics! You've demanded for more eye candy, so this motherboard supports Triple Monitor. You may choose up to three display interfaces from the rear i/o to connect monitors and use them simultaneously without installing another graphics card.

\*Supported with processors with integrated graphics only.

### **Solid Capacitor Design**

ASRock applied solid capacitors on this motherboard. With these solid caps, this motherboard is allowed to perform more stably and ensure longer lifetime.

### **Digi Power**

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Unlike traditional motherboards that use analog power, this motherboard uses a next generation digital PWM (Pulse-Width Modulation) design, which provides CPU Vcore voltage more efficiently and smoothly, so that the stability and lifespan of the motherboard is greatly enhanced.

### **A-Tuning**

A-Tuning is ASRock's multi purpose software suite with a new interface, more new features and improved utilities.

### **Full Spike Protection**

Some sensitive digital components on the motherboard are vulnerable to power surges, the excessive current may cause your system to malfunction immediately. ASRock Full Spike Protection includes various technologies to prevent your motherboard's components from being damaged by these unexpected voltage spikes.

### **Live Update & APP Shop**

ASRock Live Update & APP Shop is designed for your convenience. We provide various apps and support software for users to download. You can also easily optimize your system and keep your motherboard up to date with ASRock Live Update & APP Shop.

- ASRock USB 3.2 Gen2
- ASRock USB 3.2 Gen2 Type-A Port (10 Gb/s)
- ASRock USB 3.2 Gen2 Type-C Port (10 Gb/s)
- ASRock Super Alloy
- Premium Power Choke
- Sapphire Black PCB
- High Density Glass Fabric PCB
- 2oz Copper PCB
- ASRock Ultra M.2 (PCIe Gen3 x4)
- ASRock Full Spike Protection (for all USB, Audio, LAN Ports)
- ASRock Live Update & APP Shop

Summary: Asrock B450 Pro4 R2.0. Processor manufacturer: AMD, Processor socket: Socket AM4,

Compatible processor series: AMD Athlon, AMD Ryzen 3000 Series, AMD Ryzen 5000 Series.

Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type:

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DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 10. Parallel processing technology support: CrossFireX, Quad-GPU CrossFireX, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H | Vendor Homepage: <https://www.asrock.com/MB/AMD/B450%20Pro4%20R2.0/index.asp#Overview> | Audio chip: Realtek ALC892 / Realtek ALC897 | Audio output channels: 7.1 | Certification: FCC, CE ErP/EuP | Component for: PC | Motherboard chipset: AMD B450 | Motherboard chipset family: AMD | Motherboard form factor: ATX | PC health monitoring: Fan/Temperature/Voltage | Windows operating systems supported: Windows 10 x64 | Compatible processor series: AMD Athlon/AMD Ryzen 3000 Series/AMD Ryzen 5000 Series | Maximum number of SMP processors: 1 | Processor manufacturer: AMD | Processor socket: 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 speeds: 2133/2400/2667/2933/3200 | Supported memory types: DDR4-SDRAM | Unbuffered memory: Yes | RAID levels: 0/1/10 | RAID support: Yes | Supported storage drive interfaces: M.2,SATA III | DirectX version: 12.0 | HDCP: Yes | Maximum resolution: 4096 x 2160 | 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 | Front panel audio connector: Yes | Number of chassis fan connectors: 3 | Number of COM connectors: 1 | Number of SATA III 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: 1 | DisplayPort version: 1.2 | DisplayPorts quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 1.4 | 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: 2 | PCI Express x1 (Gen 2.x) slots: 4 | PCI Express x16 (Gen 3.x) slots: 2 | ACPI version: 5.1 | BIOS memory size: 128 | BIOS type: UEFI AMI | System Management BIOS (SMBIOS) version: 2.3 | Harmonized System (HS) code: 84733020 | Depth: 224 | Width: 305 | Bundled software: ASRock A-Tuning ASRock Polychrome SYNC ASRock XFast LAN | Cables included: SATA | Drivers included: Yes | Units per Pallet: 0 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.00632 | Unit Calculated Weight: 1.44

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