

**MB AM5 ASROCK B850 PRO-A WIFI**

Naziv: MB AM5 ASROCK B850 PRO-A WIFI

Slika:



Šifra: #BM42411801741665946454

Barkod: 4711581490192

Proizvođač: NEDEFINISAN

**Detalji**

Kategorija: MATIČNE PLOČE

Oznake:

Atributi: PROCESORSKO LEŽIŠTE (SOCKET): AMD® AM5  
UKUPNO USB PRIKLJUČAKA: 10  
TIP MEMORIJE: DDR5  
MEMORIJSKI SLOTOVI: 4 X DDR5  
MAKSIMALNA KOLIČINA MEMORIJE: 256  
FORMAT: ATX**Cena**Cena sa PDV: 18,242.93 RSD \*WEB CENA  
20,067.22 RSD \*Cena za odloženo web plaćanje**Ostalo**

Opis:

- Unique Feature
  - Superb Productivity**
    - PCIe Gen5 (Graphics, M.2)
    - Dual Channel DDR5
  - Rock-Solid Durability**
    - 14+2+1 Power Phase, 80A Dr.MOS for VCore+SOC+MISC
  - Ultrafast Connectivity**
    - 2.5G LAN, 802.11ax Wi-Fi 6E Module
  - EZ Update**
    - BIOS Flashback Button
    - ASRock Auto Driver Installer
  - EZ Troubleshooter**
    - [ASRock Post Status Checker](#)
- CPU
  - Supports AMD Socket AM5 Ryzen™ 9000, 8000 and 7000 Series Processors\*

\* The availability of expansion slots may vary by CPU. Please refer to PCIe/M.2 Bandwidth Table for details.

- Chipset
  - AMD B850
- Memory
  - Dual Channel DDR5 Memory Technology

- 4 x DDR5 DIMM Slots
- Supports DDR5 ECC/non-ECC, un-buffered memory up to 8000+(OC)
- Max. capacity of system memory: 256GB
- Supports Extreme Memory Profile (XMP) and EXTENDED Profiles for Overclocking (EXPO) memory modules
- BIOS
  - 256Mb AMI UEFI Legal BIOS with GUI support
- Graphics
  - Integrated AMD RDNA™ graphics (Actual support may vary by CPU)
  - 1 x HDMI 2.1 TMDS/FRL 8G Compatible, supports HDR, HDCP 2.3 and max. resolution up to 4K 120Hz
  - 1 x USB 3.2 Gen1 Type-C, supports DP 1.4 HBR3 and max. resolution up to 4K 60Hz (DP-alt mode supports DP1.4a)
- Audio
  - 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
- LAN
  - 2.5 Gigabit LAN 10/100/1000/2500 Mb/s
  - Dragon RTL8125BG
  - Supports Dragon 2.5G LAN Software
  - Smart Auto Adjust Bandwidth Control
  - Visual User Friendly UI
  - Visual Network Usage Statistics
  - Optimized Default Setting for Game, Browser, and Streaming Modes
  - User Customized Priority Control
- Wireless LAN
  - 802.11ax Wi-Fi 6E Module
  - Supports IEEE 802.11a/b/g/n/ac/ax/ax/ax
  - Supports Dual-Band 2x2 with extended 6GHz band\* support
  - 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology
  - Supports Bluetooth 5.2
  - Supports MU-MIMO

\*The Wi-Fi 6E module is supported by Microsoft Windows® 11 only. There is no driver available for Windows® 10. The availability of the 6GHz band will depend on the different regulation status of each country and region. It will be activated (for supported countries) through Windows® Update and software updates once available. A 6GHz compatible router is required for 6E functionality.

- Slots
  - CPU:
    - 1 x PCIe 5.0 x16 Slot (PCIE1), supports x16 mode\*
  - Chipset:
    - 1 x PCIe 4.0 x16 Slot (PCIE2), supports x4 mode\*
    - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module
    - 15µ Gold Contact in VGA PCIe Slot (PCIE1)

\* PCIE1 will run at Gen5x16 with 9000 and 7000 series processors, Gen4x8 with 8000 (Phoenix 1) series processors and Gen4x4 with 8000 (Phoenix 2) series processors.

If M2\_3 is occupied, PCIE2 will be disabled. Supports NVMe SSD as boot disks

- Storage
  - CPU:
    - 1 x Blazing M.2 Socket (M2\_1, Key M), supports type 2280 PCIe Gen5x4 (128 Gb/s) mode\*
    - 1 x Hyper M.2 Socket (M2\_2, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode\*
  - Chipset:
    - 1 x Hyper M.2 Socket (M2\_3, Key M), supports type 2230/2242/2260/2280 PCIe Gen4x4 (64 Gb/s)

mode\*

- 1 x Ultra M.2 Socket (M2\_4, Key M), supports type 2280 PCIe Gen3x4 (32 Gb/s) mode\*

- 2 x SATA3 6.0 Gb/s Connectors

ASMedia ASM1061:

- 2 x SATA3 6.0 Gb/s Connectors

\* Supports NVMe SSD as boot disks

M2\_1 is the first priority for M.2 installation.

M2\_1 will run at Gen5x4 with 9000 and 7000 series processors and Gen4x4 with 8000 (Phoenix 1 and Phoenix 2) series processors.

M2\_2 will run at Gen4x4 with 9000 and 7000 series processors, Gen4x4 with 8000 (Phoenix 1) series processors and Gen4x2 with 8000 (Phoenix 2) series processors.

If M2\_3 is occupied, PCIE2 will be disabled.

If SATA3\_1 or SATA3\_2 is occupied, M2\_4 will downgrade to Gen3x2 mode.

- RAID

- Supports RAID 0 and RAID 1 for SATA storage devices

- Supports RAID 0, RAID 1 and RAID 10 for M.2 NVMe storage devices

- USB

CPU:

- 1 x USB 3.2 Gen2 Type-C (Rear)

- 1 x USB 3.2 Gen1 Type-C (Rear)

- 2 x USB 3.2 Gen1 Type-A (Rear (USB32\_1 and USB32\_2))

Chipset:

- 1 x USB 3.2 Gen2x2 Type-C (Front)

- 4 x USB 3.2 Gen1 Type-A (2 Rear (USB32\_3 and USB32\_4), 2 Front)

- 9 x USB 2.0 (6 Rear, 3 Front)

\* All USB ports support ESD Protection

- Connector

- 1 x SPI TPM Header

- 1 x Power LED and Speaker Header

- 1 x RGB LED Header\*

- 3 x Addressable LED Headers\*\*

- 2 x CPU Fan Connectors (4-pin) (Smart Fan Speed Control)\*\*\*

- 4 x Chassis Fan Connectors (4-pin) (Smart Fan Speed Control)\*\*\*

- 1 x AIO Pump Fan Connector (4-pin) (Smart Fan Speed Control)\*\*\*

- 1 x 24 pin ATX Power Connector

- 2 x 8 pin 12V Power Connectors (Hi-Density Power Connector)

- 1 x Front Panel Audio Connector

- 2 x USB 2.0 Headers (Support 3 USB 2.0 ports)

- 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports)

- 1 x Front Panel Type C USB 3.2 Gen2x2 Header (20 Gb/s)

\* Supports in total up to 12V/3A, 36W LED Strip

\*\* Support in total up to 5V/3A, 15W LED Strip

\*\*\* CPU\_FAN1 supports the fan power up to 1A (12W).

CPU\_FAN2, CHA\_FAN1~4 and AIO\_PUMP support the fan power up to 3A (36W).

CPU\_FAN2, CHA\_FAN1~4 and AIO\_PUMP can auto detect if 3-pin or 4-pin fan is in use.

- Rear Panel I/O

- 2 x Antenna Ports

- 1 x HDMI Port

- 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s)

- 1 x USB 3.2 Gen1 Type-C Port (DP-alt mode supports DP1.4a)

- 4 x USB 3.2 Gen1 Type-A Ports

- 6 x USB 2.0 Ports

- 1 x RJ-45 LAN Port

- 1 x BIOS Flashback Button
- HD Audio Jacks: Line in / Front Speaker / Microphone
- Software and UEFI

**Software**

- ASRock Motherboard Utility (A-Tuning)
- ASRock Dragon 2.5G LAN Software
- ASRock Polychrome SYNC\*

**UEFI**

- ASRock EZ Mode
- ASRock Full HD UEFI
- ASRock Auto Driver Installer
- ASRock Instant Flash

\*These utilities can be downloaded from ASRock Live Update & APP Shop.

- Accessories
  - 1 x I/O Shield
  - 2 x SATA Data Cables
  - 2 x ASRock WiFi 2.4/5/6 GHz Antennas
- Form Factor
  - ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm
  - 8 Layer PCB
- OS
  - Microsoft Windows® 10 64-bit / 11 64-bit