

ASRock

MB AM5 AsRock B850 PRO-A WIFI

Dostupnost: NEMA NA STANJU

Šifra proizovda: 42330

MP cena: 20.590,00 din

18.090,00 din

Ušteda: 2.500,00 din

Specifikacija

- 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, 802.11axe 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
  - 802.11axe Wi-Fi 6E Module
  - Supports IEEE 802.11a/b/g/n/ac/ax/axe

- 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