

ASRock

MB AM5 ASRock B650 PG LIGHTNING 90-MXBK20-A0UAYZ

Dostupnost: NEMA NA STANJU

Šifra proizvoda: 27572

MP cena: 17.290,00 din

15.090,00 din

Ušteda: 2.200,00 din

Specifikacija

- Unique Feature
  Superb Productivity
  - PCIe Gen5 (M.2)
  - Dual Channel DDR5
  Rock-Solid Durability
  - 14+2+1 Power Phase, 60A SPS
  - Pre-Installed I/O Shield
  Ultrafast Connectivity
  - 2.5G LAN
  - ASRock Lightning Gaming Ports
  EZ Update
  - BIOS Flashback Button
  - ASRock Auto Driver Installer
  EZ Troubleshooter
  - ASRock Post Status Checker
- CPU
  - Supports AMD Socket AM5 Ryzen™ 7000 Series Processors
- Chipset
  - AMD B650
- Memory
  - Dual Channel DDR5 Memory Technology
  - 4 x DDR5 DIMM Slots
  - Supports DDR5 non-ECC, un-buffered memory up to 6400+(OC)*
  - Max. capacity of system memory: 128GB*
  - 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™ 2 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
- Audio
  - 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
  - Nahimic Audio
- LAN
  - 2.5 Gigabit LAN 10/100/1000/2500 Mb/s
  - Dragon RTL8125BG
  - Supports Phantom Gaming 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

- Slots
  CPU:
  - 1 x PCIe 4.0 x16 Slot (PCIE1), supports x16 mode*
  Chipset:
  - 1 x PCIe 4.0 x16 Slot (PCIE3), supports x2 mode*
  - 2 x PCIe 4.0 x1 Slots (PCIE2 and PCIE4)*
  - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module

  - 15μ Gold Contact in VGA PCIe Slot (PCIE1)

  *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 M.2 Socket (M2_3, Key M), supports type 2280 PCIe Gen4x2 (32 Gb/s) mode*
  - 4 x SATA3 6.0 Gb/s Connectors

  *Supports NVMe SSD as boot disks
  Supports ASRock U.2 Kit
- RAID
  - Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices
  - Supports RAID 0, RAID 1 and RAID 10 for M.2 NVMe storage devices

  *Requires additional M.2 NVMe expansion cards to support RAID 10
- USB
  - 1 x USB 3.2 Gen2x2 Type-C (Rear)
  - 1 x USB 3.2 Gen2 Type-C (Front)
  - 9 x USB 3.2 Gen1 (7 Rear, 2 Front)
  - 8 x USB 2.0 (4 Rear, 4 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**
  - 1 x CPU Fan Connector (4-pin)***
  - 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)****
  - 4 x Chassis/Water Pump Fan Connectors (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 4 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 Gen2 Header (ReDriver)

  *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/WP supports the fan power up to 2A (24W).

  *****CHA_FAN1~4/WP support the fan power up to 2A (24W).
  CPU_FAN2/WP and CHA_FAN1~4/WP can auto detect if 3-pin or 4-pin fan is in use.
- Rear Panel I/O
  - 2 x Antenna Mounting Points
  - 1 x HDMI Port
  - 1 x USB 3.2 Gen2x2 Type-C Port (20 Gb/s) (ReDriver)
  - 7 x USB 3.2 Gen1 Ports (USB32_34 are Lightning Gaming Ports) (USB32_12 and USB32_56 are from ASMedia ASM1074 hub)
  - 4 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 (Phantom Gaming Tuning)
  - ASRock Phantom Gaming LAN Software
  - ASRock Polychrome SYNC*

  UEFI

  - 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 User Manual
  - 2 x SATA Data Cables
  - 3 x Screws for M.2 Sockets
- 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
- Certifications
  - FCC, CE
  - ErP/EuP ready (ErP/EuP ready power supply is required)