

ASRock

MB s1851 AsRock Z890 Lightning WiFi

Dostupnost: NEMA NA STANJU

Šifra proizvoda: 41934

MP cena: 34.690,00 din

30.390,00 din

Ušteda: 4.300,00 din

Specifikacija

- Unique Feature
  Superb Productivity
  - PCIe Gen5 (Graphics, M.2)
  - Dual Channel DDR5
  - Thunderbolt™ 4 Type-C Ports (40 Gb/s)
  Rock-Solid Durability
  - Server-Grade Low-Loss PCB
  - 18+1+1+1+1 Power Phase, 80A SPS for VCore+GT+SA with Enlarged Heatsink Armor
  - Memory OC Shield
  - Flexible Integrated I/O Shield
  - 20K Long-lasting Black Caps (high quality and conductive polymer capacitors)
  Ultrafast Gaming
  - Killer 2.5G LAN, 802.11be Wi-Fi 7 Module
  - ASRock Lightning Gaming Ports
  EZ Update
  - BIOS Flashback Button
  - ASRock Auto Driver Installer
  EZ Troubleshooter
  - ASRock Post Status Checker
- CPU
  - Supports Intel® Core™ Ultra Processors (Series 2) (LGA1851RL-ILM)
  - Supports Intel® Hybrid Technology
  - Supports Intel® Turbo Boost Max 3.0 Technology
  - Supports Intel® Thermal Velocity Boost (TVB)
  - Supports Intel® Adaptive Boost Technology (ABT)
  - Integrated NPU for dedicated AI acceleration
- Chipset
  - Intel® Z890
- Memory
  - Dual Channel DDR5 Memory Technology
  - 4 x DDR5 DIMM Slots
  - Supports DDR5 non-ECC, un-buffered memory up to 9466MHz+(OC)*
  - Supports Clocked Unbuffered DIMM (CUDIMM)
  - Max. capacity of system memory: 256GB
  - Supports Intel® Extreme Memory Profile (XMP) 3.0x

  * 1DPC 1R Up to 9466+ MHz (OC), 5600 MHz Natively.
  1DPC 2R Up to 6800+ MHz (OC), 5600 MHz Natively.
  2DPC 1R Up to 6800+ MHz (OC), 4800 MHz Natively.
  2DPC 2R Up to 5800+ MHz (OC), 4400 MHz Natively.
- BIOS
  - 256Mb AMI UEFI Legal BIOS with GUI support
- Graphics
  - Intel® Xe LPG Graphics Architecture
  - 1 x HDMI 2.1 TMDS/FRL 8G Compatible, supports HDR, HDCP 2.3 and max. resolution up to 4K 120Hz
  - 2 x Intel® Thunderbolt™ 4, support HDCP 2.3 and max. resolution up to 8K 60Hz / 5K 120Hz*

- 2 x Intel® Thunderbolt™ 4, support HDCP 2.3 and max. resolution up to 8K 60Hz / 5K 120Hz*

* Intel® UHD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which are GPU integrated.
Supports two 4K displays or one 8K display
Only the CPU's embedded graphics can be displayed through Thunderbolt™ ports.
If you want to display to a Thunderbolt™ monitor, please use CPU models with embedded graphics.

- Audio
  - 7.1 CH HD Audio with Content Protection (Realtek ALC1220 Audio Codec)
  - Impedance Sensing on Rear Out port
  - Individual PCB Layers for R/L Audio Channel
  - Nahimic Audio
- LAN
  - 2.5 Gigabit LAN 10/100/1000/2500 Mb/s
  - Killer E3100G
  - Supports Killer LAN Software
- Wireless LAN
  - 802.11be 2x2 Wi-Fi 7 Module
  - Supports IEEE 802.11a/b/g/n/ac/ax/axe/be
  - Supports 2.4GHz/5GHz/6GHz frequency band*
  - Supports 320MHz channel bandwidth with 6GHz frequency band*
  - 1 antenna to support 2 (Transmit) x 2 (Receive) diversity technology
  - Supports Bluetooth 5.4
  - Supports MU-MIMO

  *The Wi-Fi 7 module is supported by Microsoft Windows® 11 only. 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.
- 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 PCIe 4.0 x4 Slot (PCIE3), supports x4 mode*
  - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel® CNVio/CNVio2 (Integrated WiFi/BT)

  * PCIE1 supports PCIe riser cards to extend one x16 slot to x8/x8 or x8/x4/x4 slots.
  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 2280 SATA3 6.0 Gb/s & PCIe Gen4x4 (64 Gb/s) modes*
  - 1 x Hyper M.2 Socket (M2_4, Key M), supports type 2230/2242/2260/2280 PCIe Gen4x4 (64 Gb/s) mode*
  - 4 x SATA3 6.0 Gb/s Connectors

  * Supports Intel® Volume Management Device (VMD)
  Supports NVMe SSD as boot disks
- RAID
  - Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices
  - Supports RAID 0, RAID 1, RAID 5 and RAID 10 for M.2 NVMe storage devices
- USB
  CPU:
  - 2 x Thunderbolt™ 4 Type-C (Rear)

  Chipset:
  - 1 x USB 3.2 Gen2x2 Type-C (Front)
  - 2 x USB 3.2 Gen2 Type-A (Rear)
  - 8 x USB 3.2 Gen1 (4 Rear, 4 Front)
  - 6 x USB 2.0 (2 Rear, 4 Front)

  * All USB ports support ESD Protection
- Connector
  - 1 x Thermistor Cable Header

- 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 Connector (4-pin) (Smart Fan Speed Control)***
- 5 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 (Hi-Density Power Connector)
- 2 x 8 pin 12V Power Connectors (Hi-Density Power Connector)
- 1 x Front Panel Audio Connector (15μ Gold Audio Connector)
- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports)
- 2 x USB 3.2 Gen1 Headers (Support 4 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_FAN1~5 and AIO_PUMP support the fan power up to 3A (36W).
CPU_FAN2, CHA_FAN1~5 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 Optical SPDIF Out Port
  - 2 x Thunderbolt™ 4 Type-C Ports (40 Gb/s for USB4 protocol; 40Gb/s for Thunderbolt™ protocol)*
  - 2 x USB 3.2 Gen2 Type-A Ports (10 Gb/s)**
  - 4 x USB 3.2 Gen1 Ports**
  - 2 x USB 2.0 Ports
  - 1 x RJ-45 LAN Port
  - 1 x BIOS Flashback Button
  - HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone (Gold Audio Jacks with LED)

  * Supports USB PD 3.0 up to 5V@3A (15W) charging
  ** USB32_34 are Lightning Gaming Ports. USB32_56 support Ultra USB Power.
- Software and UEFI
  Software
  - ASRock Motherboard Utility (Phantom Gaming Tuning)
  - Killer Control Center
  - ASRock Polychrome SYNC*

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

  *These utilities can be downloaded from ASRock Live Update & APP Shop.
- Accessories
  - 2 x SATA Data Cables
  - 2 x ASRock WiFi 2.4/5/6 GHz Antennas
  - 1 x ARGB Splitter Cable
  - 1 x Thermistor Cable
- Form Factor
  - ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm
  - 2oz Copper PCB
- OS
  - Microsoft Windows® 11 64-bit
- Certifications
  - FCC, CE
  - ErP/EuP ready (ErP/EuP ready power supply is required)