

ASRock B650M PG LIGHTNING WIFI / AMD B650 / AM5 / 4x DDR5 DIMM / 3x M.2 / HDMI / DP / USB-C / WiFi / mATX

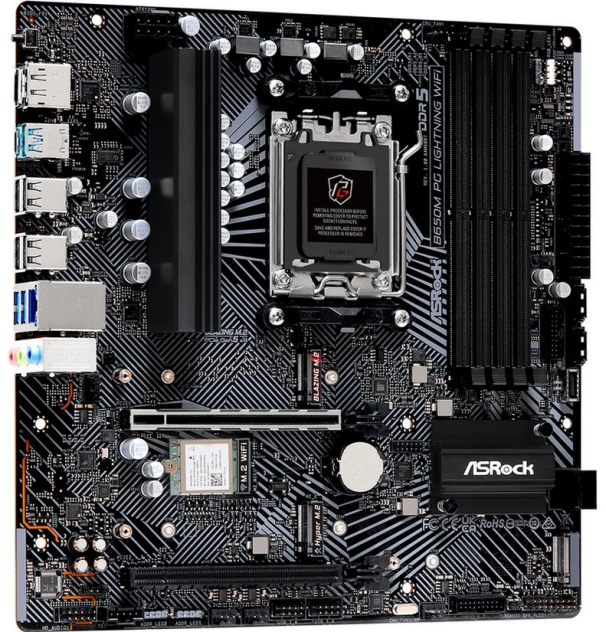
cena vč DPH: **4004 Kč**

cena bez DPH: 3309 Kč

Kód zboží (ID): 5791511

PN: B650M-PG-LIGHTNING-WIFI

Záruka: 36 měsíců



ASRock B650M PG Lightning WiFi

- Supports AMD Socket AM5 Ryzen™ 7000 Series Processors
- 6+2+1 Power Phase, Dr.MOS
- Supports DDR5 7200+ (OC)
- 1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 M.2 Key-E for WiFi
- Graphics Output Options: HDMI, DisplayPort
- Realtek ALC897 7.1 CH HD Audio Codec, Nahimic Audio
- 4 SATA3, 1 Blazing M.2 (PCIe Gen5 x4), 1 Hyper M.2 (PCIe Gen4 x4), 1 M.2 (PCIe Gen4 x2)
- Phantom Gaming 2.5G LAN, 802.11ax WiFi 6E + Bluetooth
- Supports ASRock Auto Driver Installer, BIOS Flashback

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 7200+(OC)* - Max. capacity of system memory: 192GB - 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 - 1 x DisplayPort 1.4 with DSC (compressed), supports 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

Wireless LAN

- 802.11ax Wi-Fi 6E Module - Supports IEEE 802.11a/b/g/n/ac/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 + High speed class II - Supports MU-MIMO

Slots

CPU: - 1 x PCIe 4.0 x16 Slot (PCIE1), supports x16 mode* - 1 x PCIe 3.0 x16 Slot (PCIE2), supports x4 mode* Chipset: - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module - Supports AMD CrossFire™ - 15μ Gold Contact in VGA PCIe Slot (PCIE1)

Storage

CPU: - 1 x Blazing M.2 Socket (M2_1, Key M), supports type 2260/2280 PCIe Gen5x4 (128 Gb/s) mode* Chipset: - 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode* - 1 x M.2 Socket (M2_3, Key M), supports

type 2260/2280 PCIe Gen4x2 (32 Gb/s) mode* - 4 x SATA3 6.0 Gb/s Connectors

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

USB

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

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)**** - 3 x Chassis/Water Pump Fan Connectors (4-pin) (Smart Fan Speed Control)***** - 1 x 24 pin ATX Power

Connector - 1 x 8 pin 12V Power Connector (Hi-Density Power Connector) - 1 x Front Panel Audio Connector - 1 x Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card) - 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 Gen1 Header

Rear Panel I/O

- 2 x Antenna Ports - 1 x HDMI Port - 1 x DisplayPort 1.4 - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) - 2 x USB 3.2 Gen1 Type-A Ports - 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

Unique Feature

Superb Productivity - PCIe Gen5 (M.2) - Dual Channel DDR5 Rock-Solid Durability - 6+2+1 Power Phase, 50A Dr.MOS 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

Accessories

- 1 x User Manual - 1 x I/O Shield - 2 x SATA Data Cables - 2 x SMA WiFi Antenna Cables - 2 x ASRock WiFi 2.4/5/6 GHz Antennas - 1 x Plastic Cover for Wi-Fi Module - 3 x Screws for M.2 Sockets

OS

- Microsoft Windows 10 64-bit / 11 64-bit

Certifications

- FCC, CE - ErP/EuP ready (ErP/EuP ready power supply is required)

Form Factor

- Micro ATX Form Factor: 24.4 cm x 24.4 cm

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WiFi</h2>
<div class="grid-wrapper">
<div class="grid--col-2">
<div class="col" style="min-width:75%;">
<ul>
<li>Supports AMD Socket AM5 Ryzen™ 7000 Series Processors</li>
<li>6+2+1 Power Phase, Dr.MOS</li>
<li>Supports DDR5 7200+ (OC)</li>
<li>1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 M.2 Key-E for WiFi</li>
<li>Graphics Output Options: HDMI, DisplayPort</li>
<li>Realtek ALC897 7.1 CH HD Audio Codec, Nahimic Audio</li>
<li>4 SATA3, 1 Blazing M.2 (PCIe Gen5 x4), 1 Hyper M.2 (PCIe Gen4 x4), 1 M.2
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<li>Phantom Gaming 2.5G LAN, 802.11ax WiFi 6E + Bluetooth</li>
<li>Supports ASRock Auto Driver Installer, BIOS Flashback</li>
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<div class="tpl-product-detail-desc">
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<div class="desc">
<p><strong>CPU</strong></p>
<p>Supports AMD Socket AM5 Ryzen™ 7000 Series Processors</p>
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<div class="tpl-product-detail-desc">
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<div class="desc">
<p><strong>Chipset</strong></p>
<p>AMD B650</p>
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<div class="tpl-product-detail-desc">
<div class="box-in">
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<div class="desc">
<p><strong>Memory</strong></p>
<p>- Dual Channel DDR5 Memory Technology
- 4 x DDR5 DIMM Slots
- Supports DDR5 non-ECC, un-buffered memory up to 7200+(OC)*
- Max. capacity of system memory: 192GB
- Supports Extreme Memory Profile (XMP) and EXTended Profiles for Overclocking
(EXPO) memory modules*</p>
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<div class="desc">
<p><strong>BIOS</strong></p>
<p>- 256Mb AMI UEFI Legal BIOS with GUI support</p>
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<p>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
- 1 x DisplayPort 1.4 with DSC (compressed), supports HDCP 2.3 and max.
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<p><strong>Audio</strong></p>
<p>- 7.1 CH HD Audio (Realtek ALC897 Audio Codec)
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<p>- 2.5 Gigabit LAN 10/100/1000/2500 Mb/s
- Dragon RTL8125BG
- Supports Phantom Gaming LAN Software
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- Visual User Friendly UI
- Visual Network Usage Statistics
- Optimized Default Setting for Game, Browser, and Streaming Modes
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<p><strong>Wireless LAN</strong></p>
<p>- 802.11ax Wi-Fi 6E Module
- Supports IEEE 802.11a/b/g/n/ac/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 + High speed class II
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- Supports MU-MIMO</p>

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<p>Slots</p>

<p>CPU:

- 1 x PCIe 4.0 x16 Slot (PCIe1), supports x16 mode*

- 1 x PCIe 3.0 x16 Slot (PCIe2), supports x4 mode*

Chipset:

- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module

- Supports AMD CrossFire™

- 15μ Gold Contact in VGA PCIe Slot (PCIe1)</p>

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Chipset:

- 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode*

- 1 x M.2 Socket (M2_3, Key M), supports type 2260/2280 PCIe Gen4x2 (32 Gb/s) mode*

- 4 x SATA3 6.0 Gb/s Connectors</p>

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<p>RAID</p>

<p>- 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</p>

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<div class="tpl-product-detail-desc">
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<div class="desc">
<p><strong>USB</strong></p>
<p>- 1 x USB 3.2 Gen2 Type-C (Rear)
- 1 x USB 3.2 Gen2 Type-A (Rear)
- 1 x USB 3.2 Gen1 Type-C (Front)
- 6 x USB 3.2 Gen1 Type-A (2 Rear, 4 Front)
- 8 x USB 2.0 (4 Rear, 4 Front)</p>
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<div class="desc">
<p><strong>Connector</strong></p>
<p>- 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)****
- 3 x Chassis/Water Pump Fan Connectors (4-pin) (Smart Fan Speed Control)*****
- 1 x 24 pin ATX Power Connector
- 1 x 8 pin 12V Power Connector (Hi-Density Power Connector)
- 1 x Front Panel Audio Connector
- 1 x Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card)
- 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 Gen1 Header</p>
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<div class="row">
<div class="desc">
<p><strong>Rear Panel I/O</strong></p>
<p>- 2 x Antenna Ports
- 1 x HDMI Port
- 1 x DisplayPort 1.4
- 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s)
- 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s)
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- 2 x USB 3.2 Gen1 Type-A Ports
- 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

Unique Feature

Superb Productivity

- PCIe Gen5 (M.2)

- Dual Channel DDR5

Rock-Solid Durability

- 6+2+1 Power Phase, 50A Dr.MOS

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

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<p><strong>Accessories</strong></p>
<p>- 1 x User Manual
- 1 x I/O Shield
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- 2 x SMA WiFi Antenna Cables
- 2 x ASRock WiFi 2.4/5/6 GHz Antennas
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<p><strong>OS</strong></p>
<p>- Microsoft Windows 10 64-bit / 11 64-bit</p>
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<div class="desc">
<p><strong>Certifications</strong></p>
<p>- FCC, CE
- ErP/EuP ready (ErP/EuP ready power supply is required)</p>
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<div class="desc">
<p><strong>Form Factor</strong></p>
<p>- Micro ATX Form Factor: 24.4 cm x 24.4 cm</p>
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