

# ASRock B760M PG SONIC WIFI / Intel B760 / LGA1700 / 4x DDR5 / 3x M.2 / HDMI / DP / USB-C / WiFi / mATX

**cena vč DPH:** **4309 Kč**

cena bez DPH: 3561 Kč

**Kód zboží (ID):** 5555152

**PN:** B760M-PG-SONIC-WIFI

**Záruka:** 24 měsíců



## B760M PG SONIC WiFi

- Supports 13th Gen & 12th Gen Intel Core™ Processors (LGA1700)
- 12+1+1 Power Phase, Dr.MOS for VCore+GT
- Supports DDR5 7200MHz (OC)
- 1 PCIe 5.0 x16, 1 PCIe 4.0 x1
- Graphics Output Options: HDMI, DisplayPort, eDP
- Realtek ALC897 7.1 CH HD Audio Codec,
- Nahimic Audio
- 4 SATA3, 3 Hyper M.2 (PCIe Gen4x4)
- 2 USB 3.2 Gen2 Type-C (1 Rear, 1 Front)
- 1 USB 3.2 Gen2 Type-A (Rear)
- 6 USB 3.2 Gen1 (4 Rear, 2 Front)
- 6 USB 2.0 (2 Rear, 4 Front)
- Dragon 2.5G LAN,
- 802.11ax (WiFi 6E) + Bluetooth
- Supports ASRock Auto Driver Installer

## Unique Feature

Superb Productivity - PCIe Gen5 (Graphics) - Dual Channel DDR5 Rock-Solid Durability - 12+1+1 Power Phase, 50A Dr.MOS for VCore+GT - Flexible Integrated I/O Shield Ultrafast Connectivity - 2.5G LAN, 802.11ax Wi-Fi 6E Module EZ Update - ASRock Auto Driver Installer EZ Troubleshooter - ASRock Post Status Checker

## CPU

- Supports 13th Gen & 12th Gen Intel Core™ Processors (LGA1700) - Supports Intel Hybrid Technology - Supports Intel Turbo Boost Max 3.0 Technology - Supports Intel Thermal Velocity Boost (TVB) - Supports Intel Adaptive Boost Technology (ABT)

## Chipset

- Intel B760

## 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: 128GB - Supports Intel Extreme Memory Profile (XMP) 3.0

\*1DPC 1R Up to 7200+ MHz (OC), 4800 MHz Natively. 1DPC 2R Up to 6000+ MHz (OC), 4400 MHz Natively. 2DPC 1R Up to 5600+ MHz (OC), 4000 MHz Natively. 2DPC 2R Up to 4800+ MHz (OC), 3600 MHz Natively.

## BIOS

- 128Mb AMI UEFI Legal BIOS with GUI support

## Graphics

- Intel Xe Graphics Architecture (Gen 12) - 1 x eDP 1.4, supports max. resolution up to Full HD 60Hz - 1 x HDMI 2.1 TMDS Compatible, supports HDCP 2.3 and max. resolution up to 4K 60Hz - 1 x DisplayPort 1.4 with DSC (compressed), supports 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.

## 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 + High speed class II - Supports MU-MIMO

\*Wi-Fi 6E (6GHz band) will be supported by Microsoft Windows 11. The availability 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 x1 Slot (PCIE2)\* - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel CNVio/CNVio2 (Integrated WiFi/BT) - 15µ Gold Contact in VGA PCIe Slot (PCIE1)

\*Supports NVMe SSD as boot disks

## Storage

CPU: - 1 x Hyper M.2 Socket (M2\_1, Key M), supports type 2260/2280 PCIe Gen4x4 (64 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 Hyper M.2 Socket (M2\_3, Key M), supports type 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

## USB

- 2 x USB 3.2 Gen2 Type-C (1 Rear, 1 Front) - 1 x USB 3.2 Gen2 Type-A (Rear) - 6 x USB 3.2 Gen1 (4 Rear, 2 Front) - 6 x USB 2.0 (2 Rear, 4 Front) \* All USB ports support ESD Protection

## Connector

- 1 x eDP Signal Connector - 1 x SPI TPM Header - 1 x Chassis Intrusion 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 (Hi-Density 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 (10 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/WP supports the fan power up to 2A (24W). \*\*\*\*\*CHA\_FAN1~3/WP support the fan power up to 2A (24W). CPU\_FAN2/WP and CHA\_FAN1~3/WP can auto detect if 3-pin or 4-pin fan is in use.

## Rear Panel I/O

- 2 x Antenna Ports - 1 x PS/2 Mouse/Keyboard Port - 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) - 4 x USB 3.2 Gen1 Ports - 2 x USB 2.0 Ports - 1 x RJ-45 LAN Port - 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 EZ Mode - ASRock Full HD UEFI - ASRock My Favorites in UEFI - ASRock Auto Driver Installer - ASRock Instant Flash - ASRock Easy RAID Installer

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

## Accessories

- 1 x User Manual - 2 x SATA Data Cables - 2 x ASRock WiFi 2.4/5/6 GHz Antennas - 3 x Screws for M.2 Sockets - 2 x Standoffs for M.2 Sockets

## Form Factor

- Micro ATX Form Factor: 9.6-in x 9.6-in, 24.4 cm x 24.4 cm - 2oz Copper PCB

## OS

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

## Certifications

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

## B760M PG SONIC WiFi

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<li>Supports 13th Gen & 12th Gen Intel Core™ Processors (LGA1700)</li>

<li>12+1+1 Power Phase, Dr.MOS for VCore+GT</li>

<li>Supports DDR5 7200MHz (OC)</li>

<li>1 PCIe 5.0 x16, 1 PCIe 4.0 x1</li>

- <li>Graphics Output Options: HDMI, DisplayPort, eDP</li>
- <li>Realtek ALC897 7.1 CH HD Audio Codec,</li>
- <li>Nahimic Audio</li>
- <li>4 SATA3, 3 Hyper M.2 (PCIe Gen4x4)</li>
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- <li>Dragon 2.5G LAN,</li>
- <li>802.11ax (WiFi 6E) + Bluetooth</li>
- <li>Supports ASRock Auto Driver Installer</li>

### <h3>Unique Feature</h3>

<p>Superb Productivity

- PCIe Gen5 (Graphics)
- Dual Channel DDR5

Rock-Solid Durability

- 12+1+1 Power Phase, 50A Dr.MOS for VCore+GT
- Flexible Integrated I/O Shield

Ultrafast Connectivity

- 2.5G LAN,
- 802.11ax Wi-Fi 6E Module

EZ Update

- ASRock Auto Driver Installer

EZ Troubleshooter

- ASRock Post Status Checker</p>

### <h3>CPU</h3>

- <p>- Supports 13th Gen & 12th Gen Intel Core™ Processors (LGA1700)
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### <h3>Chipset</h3>

- <p>- Intel B760</p>

### <h3>Memory</h3>

- <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: 128GB
- Supports Intel Extreme Memory Profile (XMP) 3.0</p>
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<p>\*Supports Intel Volume Management Device (VMD)

Supports NVMe SSD as boot disks</p>

### <h3>RAID</h3>

<p>- Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices</p>

### <h3>USB</h3>

<p>- 2 x USB 3.2 Gen2 Type-C (1 Rear, 1 Front)

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### <h3>Connector</h3>

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- 1 x SPI TPM Header

- 1 x Chassis Intrusion and Speaker Header

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- 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

- 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 (10 Gb/s)</p>

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### <h3>Rear Panel I/O</h3>

<p>- 2 x Antenna Ports

- 1 x PS/2 Mouse/Keyboard Port

- 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)

- 4 x USB 3.2 Gen1 Ports

- 2 x USB 2.0 Ports

- 1 x RJ-45 LAN Port

- HD Audio Jacks: Line in / Front Speaker / Microphone</p>

### <h3>Software and UEFI</h3>

<p>Software

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- ASRock Polychrome SYNC\*

UEFI

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