

MSI B760M GAMING PLUS WIFI / Intel B760 / LGA1700 / 4x DDR5 / 2x M.2 / HDMI / DP / WiFi / mATX

cena vč DPH: **4518 Kč**

cena bez DPH: 3734 Kč

Kód zboží (ID): 5892832

PN: B760M-GAMING-PLUS-WIFI

Záruka: 36 měsíců



MSI B760M GAMING PLUS WIFI

- Support Intel Core™ 14th/ 13th/ 12th Gen Processors, Intel Pentium Gold and Celeron Processors for LGA 1700 socket
- Supports DDR5 Memory, Dual Channel DDR5 6800+MHz (OC)
- Enhanced Power Design: 12+1 Duet Rail Power System with P-PAK, 8-pin + 4-pin CPU power connectors, Core Boost, Memory Boost
- Premium Thermal Solution: Extended Heatsink, MOSFET thermal pads rated for 7W/mK, additional choke thermal pads are built for high performance system and non-stop gaming experience
- Lightning Fast Game experience: PCIe 4.0 slot, Lightning Gen 4 x4 M.2 with M.2 Shield Frozr, USB 3.2 Gen 2 10G
- 2.5G LAN with Wi-Fi 6E Solution: Upgraded network solution for professional and multimedia use. Delivers a secure, stable and fast network connection
- High Quality PCB: 6-layer PCB made by 2oz thickened copper
- Audio Boost: Reward your ears with studio grade sound quality for the most immersive gaming experience

CHIPSET

INTEL B760

CPU

Support Intel Core™ 14th/ 13th/ 12th Gen Processors, Intel Pentium Gold and Celeron Processors LGA 1700

MEMORY

4x DDR5, Maximum Memory Capacity 256GB Memory Support DDR5 6800+(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(JEDEC)/ 5400(JEDEC)/ 5200(JEDEC)/ 5000(JEDEC)/ 4800(JEDEC) MHz Max. overclocking frequency: • 1DPC 1R Max speed up to 6800+ MHz • 1DPC 2R Max speed up to 6400+ MHz • 2DPC 1R Max speed up to 6000+ MHz • 2DPC 2R Max speed up to 5600+ MHz Supports Intel XMP 3.0 OC Supports Dual-Controller Dual-Channel mode Supports non-ECC, unbuffered memory

ONBOARD GRAPHICS

2x HDMI™ Support HDMI™ 2.1, maximum resolution of 4K 60Hz* 2x DisplayPort Support DP 1.4, maximum resolution of 4K 60Hz* *Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU installed.

EXPANSION SLOT

2x PCI-E x16 slot 1x PCI-E x1 slot PCI_E1 Gen PCIe 4.0 supports up to x16 (From CPU) PCI_E2 Gen PCIe 3.0 supports up to x1 (From Chipset) PCI_E3 Gen PCIe 4.0 supports up to x4 (From Chipset)

STORAGE

2x M.2 M.2_1 Source (From CPU) supports up to PCIe 4.0 x4 , supports 2280/2260/2242 devices M.2_2 Source (From Chipset) supports up to PCIe 4.0 x4 / SATA mode, supports 2280/2260/2242 devices 4x SATA 6G * SATA8 will be unavailable when installing M.2 SATA SSD in the M2_2 slot. Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices

USB

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

LAN + WIRELESS LAN

Realtek RTL8125BG 2.5G LAN Intel Wi-Fi 6E The Wireless module is pre-installed in the M.2 (Key-E) slot Supports MU-MIMO TX/RX, 2.4GHz / 5GHz / 6GHz* (160MHz) up to 2.4Gbps Supports 802.11 a/ b/ g/ n/ ac/ ax Supports Bluetooth 5.3, FIPS, FISMA * Wi-Fi 6E 6GHz may depend on every country's regulations and will be ready in Windows 11. ** Bluetooth 5.3 will be ready in Windows 10 build 21H1 and Windows 11.

AUDIO

Realtek ALC897 Codec 7.1-Channel High Definition Audio

INTERNAL I/O

1x Power Connector(ATX_PWR) 2x Power Connector(CPU_PWR) 1x CPU Fan 1x Pump Fan 2x System Fan 2x Front Panel (JFP) 1x Chassis Intrusion (JCI) 1x Front Audio (JAUD) 1x Com Port (JCOM) 2x Addressable V2 RGB LED connector (JARGB_V2) 1x RGB LED connector(JRGB) 1x TPM pin header(Support TPM 2.0) 4x USB 2.0 ports 4x USB 3.2 Gen1 Type A ports 1x USB 3.2 Gen1 Type C ports

BACK PANEL I/O

1x Keyboard / Mouse 2x DisplayPort 2x USB 3.2 Gen 1 5Gbps (Type-A) 1x 2.5G LAN 2x Wi-Fi / Bluetooth 2x USB 2.0 2x HDMI™ 2x USB 3.2 Gen 2 10Gbps (Type-A) 3x Audio Connectors

OPERATING SYSTEM

Support for Windows 11 64-bit, Windows 10 64-bit

FORM FACTOR

mATX 243.84 x 243.84mm

```
<h2 class="text-primary cross-sell_group">MSI B760M GAMING PLUS WIFI</h2>
<div class="grid-wrapper">
<div class="grid--col-2">
<div class="col" style="min-width:75%;">
<p>B760M GAMING PLUS WIFI is designed with tons of connectivity, flexible tools,
and convenient Wi-Fi solution with DDR5 memory version for gamers who want it
all.
</p>
<ul>
<li>Support Intel Core™ 14th/ 13th/ 12th Gen Processors, Intel Pentium Gold and
Celeron Processors for LGA 1700 socket</li>
<li>Supports DDR5 Memory, Dual Channel DDR5 6800+MHz (OC)</li>
<li>Enhanced Power Design: 12+1 Duet Rail Power System with P-PAK, 8-pin +
4-pin CPU power connectors, Core Boost, Memory Boost</li>
<li>Premium Thermal Solution: Extended Heatsink, MOSFET thermal pads rated
for 7W/mK, additional choke thermal pads are built for high performance system
and non-stop gaming experience</li>
<li>Lightning Fast Game experience: PCIe 4.0 slot, Lightning Gen 4 x4 M.2 with
M.2 Shield Frozr, USB 3.2 Gen 2 10G</li>
<li>2.5G LAN with Wi-Fi 6E Solution: Upgraded network solution for professional
and multimedia use.Delivers a secure, stable and fast network connection</li>
<li>High Quality PCB: 6-layer PCB made by 2oz thickened copper</li>
<li>Audio Boost: Reward your ears with studio grade sound quality for the most
immersive gaming experience</li>
</ul>
</div>
</div>
<div class="grid--col-4">
<div class="col"></div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

<div class="row">

<div class="desc">

<p><strong>CHIPSET</strong></p>

<p>INTEL B760</p>

</div>

</div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

<div class="row">

<div class="desc">

<p><strong>CPU</strong></p>

<p>Support Intel Core™ 14th/ 13th/ 12th Gen Processors, Intel Pentium Gold and Celeron Processors

LGA 1700</p>

</div>

</div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

<div class="row">

<div class="desc">

<p><strong>MEMORY</strong></p>

<p>4x DDR5, Maximum Memory Capacity 256GB

Memory Support DDR5 6800+(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(JEDEC)/ 5400(JEDEC)/ 5200(JEDEC)/ 5000(JEDEC)/ 4800(JEDEC) MHz

Max. overclocking frequency:

- 1DPC 1R Max speed up to 6800+ MHz
- 1DPC 2R Max speed up to 6400+ MHz
- 2DPC 1R Max speed up to 6000+ MHz
- 2DPC 2R Max speed up to 5600+ MHz

Supports Intel XMP 3.0 OC

Supports Dual-Controller Dual-Channel mode

Supports non-ECC, un-buffered memory</p>

</div>

</div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

**ONBOARD GRAPHICS**

2x HDMI™  
Support HDMI™ 2.1, maximum resolution of 4K 60Hz\*  
2x DisplayPort  
Support DP 1.4, maximum resolution of 4K 60Hz\*  
\*Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU installed.

**EXPANSION SLOT**

2x PCI-E x16 slot  
1x PCI-E x1 slot  
PCI\_E1 Gen PCIe 4.0 supports up to x16 (From CPU)  
PCI\_E2 Gen PCIe 3.0 supports up to x1 (From Chipset)  
PCI\_E3 Gen PCIe 4.0 supports up to x4 (From Chipset)

**STORAGE**

2x M.2  
M.2\_1 Source (From CPU) supports up to PCIe 4.0 x4 , supports 2280/2260/2242 devices  
M.2\_2 Source (From Chipset) supports up to PCIe 4.0 x4 / SATA mode, supports 2280/2260/2242 devices  
4x SATA 6G  
\* SATA8 will be unavailable when installing M.2 SATA SSD in the M2\_2 slot.

Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices

**STORAGE**



**USB**

2x USB 2.0 (Rear)

4x USB 2.0 (Front)

2x USB 3.2 Gen1 Type A (Rear)

4x USB 3.2 Gen1 Type A (Front)

1x USB 3.2 Gen1 Type C (Front)

2x USB 3.2 Gen2 Type A (Rear)

**LAN + WIRELESS LAN**

Realtek RTL8125BG 2.5G LAN

**Intel Wi-Fi 6E**

The Wireless module is pre-installed in the M.2 (Key-E) slot

Supports MU-MIMO TX/RX, 2.4GHz / 5GHz / 6GHz\* (160MHz) up to 2.4Gbps

Supports 802.11 a/ b/ g/ n/ ac/ ax

Supports Bluetooth 5.3, FIPS, FISMA

\* Wi-Fi 6E 6GHz may depend on every country's regulations and will be ready in Windows 11.

\*\* Bluetooth 5.3 will be ready in Windows 10 build 21H1 and Windows 11.

**AUDIO**

Realtek ALC897 Codec

7.1-Channel High Definition Audio

**INTERNAL I/O**

1x Power Connector(ATX\_PWR)

2x Power Connector(CPU\_PWR)  
1x CPU Fan  
1x Pump Fan  
2x System Fan  
2x Front Panel (JFP)  
1x Chassis Intrusion (JCI)  
1x Front Audio (JAUD)  
1x Com Port (JCOM)  
2x Addressable V2 RGB LED connector (JARGB\_V2)  
1x RGB LED connector(JRGB)  
1x TPM pin header(Support TPM 2.0)  
4x USB 2.0 ports  
4x USB 3.2 Gen1 Type A ports  
1x USB 3.2 Gen1 Type C ports</p>

</div>

</div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

<div class="row">

<div class="desc">

<p><strong>BACK PANEL I/O</strong></p>

<p>1x Keyboard / Mouse

2x DisplayPort

2x USB 3.2 Gen 1 5Gbps (Type-A)

1x 2.5G LAN

2x Wi-Fi / Bluetooth

2x USB 2.0

2x HDMI™

2x USB 3.2 Gen 2 10Gbps (Type-A)

3x Audio Connectors</p>

</div>

</div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

<div class="row">

<div class="desc">

<p><strong>OPERATING SYSTEM</strong></p>

<p>Support for Windows 11 64-bit, Windows 10 64-bit</p>

</div>

</div>

</div>

</div>

<div class="tpl-product-detail-desc">

<div class="box-in">

<div class="row">

```
<div class="desc">
<p>FORM FACTOR</p>
<p>mATX
243.84 x 243.84mm</p>
</div>
</div>
</div>
</div>
```