



# B760M GAMING WIFI (rev. 1.2)

Intel® B760 Chipset

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## CPU

1. LGA1700 socket: Support for the 14th, 13th, and 12th Generation Intel® Core™, Pentium® Gold and Celeron® Processors
2. L3 cache varies with CPU

(Please refer "CPU Support List" for more information.)

## Chipset

1. Intel® B760 Express Chipset

## Memória

1. Support for DDR5 8000(O.C.) / 7800(O.C.) / 7600(O.C.) / 7400(O.C.) / 7200(O.C.) / 7000(O.C.) / 6800(O.C.) / 6600(O.C.) / 6400(O.C.) / 6200(O.C.) / 6000(O.C.) / 5800(O.C.) / 5600(O.C.) / 5400(O.C.) / 5200(O.C.) / 4800 / 4000 MT/s memory modules
2. 2 x DDR5 DIMM sockets supporting up to 96 GB (48 GB single DIMM capacity) of system memory
3. Dual channel memory architecture
4. Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode)
5. Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules
6. Support for Extreme Memory Profile (XMP) memory modules

(The CPU and memory configuration may affect the supported memory types, data rate (speed), and number of DRAM modules, please refer to "Memory Support List" for more information.)

## Gráficos Onboard

Integrated Graphics Processor-Intel® HD Graphics support:

1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz
2. 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz
  - \* Support for HDMI 2.1 version and HDCP 2.3.
  - \*\* Support native HDMI 2.1 TMDS compatible ports.
3. 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz
  - \* Support for DisplayPort 1.2 version and HDCP 2.3



Compare

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**Áudio**

3. 2/4/5.1/7.1-channel

\* You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings.

4. Support for S/PDIF Out

**LAN**

1. Realtek® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)

Intel® Wireless-AC 9461

**Wireless Communication module**

1. WIFI 802.11a, b, g, n, ac, supporting 2.4/5 GHz Dual-Band

2. BLUETOOTH 5.1

3. Support for 11ac wireless standard and up to 433 Gbps data rate

**Slots de Expansão**

CPU:

1. 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16

\* The PCIEX16 slot can only support a graphics card or an NVMe SSD.

Chipset:

1. 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1

**Interface de Armazenamento**

CPU:

1. 1 x M.2 connector (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support) (M2A\_CPU)

Chipset:

1. 1 x M.2 connector (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support) (M2P\_SB)

2. 4 x SATA 6Gb/s connectors

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



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## Chipset+USB 2.0 Hubs:

1. 4 x USB 2.0/1.1 ports available through the internal USB headers

**Conectores Internos I/O**

1. 1 x 24-pin ATX main power connector
2. 1 x 8-pin ATX 12V power connector
3. 1 x CPU fan header
4. 3 x system fan headers
5. 2 x addressable LED strip headers
6. 1 x RGB LED strip header
7. 2 x M.2 Socket 3 connectors
8. 4 x SATA 6Gb/s connectors
9. 1 x front panel header
10. 1 x front panel audio header
11. 1 x S/PDIF Out header
12. 1 x USB 3.2 Gen 1 header
13. 2 x USB 2.0/1.1 headers
14. 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)
15. 1 x serial port header
16. 1 x Q-Flash Plus button
17. 1 x reset jumper
18. 1 x Clear CMOS jumper



[Clear All](#)**Conectores Painel Traseiro**

6. 1 x DisplayPort
7. 3 x USB 3.2 Gen 1 ports
8. 1 x USB Type-C<sup>®</sup> port, with USB 3.2 Gen 1 support
9. 1 x RJ-45 port
10. 3 x audio jacks

**Controlador I/O**

1. iTE<sup>®</sup> I/O Controller Chip

**Monitoramento H/W**

1. Voltage detection
2. Temperature detection
3. Fan speed detection
4. Water cooling flow rate detection
5. Fan fail warning
6. Fan speed control

\* Whether the fan speed control function is supported will depend on the fan you install.

**BIOS**

1. 1 x 128 Mbit flash
2. Use of licensed AMI UEFI BIOS
3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

**Características Exclusivas**

1. Support for GIGABYTE Control Center (GCC)  
\* Available applications in GCC may vary by motherboard model. Supported functions of each application may vary depending on motherboard specifications.
2. Support for Q-Flash
3. Support for Q-Flash Plus

**Pacote de Software**

1. Norton<sup>®</sup> Internet Security (OEM version)

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**Form Factor**

1. Micro ATX Form Factor; 24.4cm x 22.5cm

\* Os termos e expressões “HDMI”, “HDMI High-Definition Multimedia Interface” e “Trade dress da HDMI”, e os Logotipos da HDMI são marcas comerciais ou marcas registradas da HDMI Licensing Administrator, Inc.

\* Todos os materiais disponíveis são para simples referência. A GIGABYTE reserva o direito de modificar ou revisar o conteúdo a qualquer momento sem aviso prévio.

\* Todas as marcas e logotipos são de propriedade de suas respectivas proprietárias.

\* Devido a arquitetura padrão PC, uma quantia de memória é reservada para uso do sistema, portanto o tamanho da memória é menor do que a quantia exibida

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