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# B760M AORUS ELITE (rev. 1.x)

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Intel® B760 Chipset

[Lista de Comparativos](#)

## CPU

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

\* Please refer to "CPU Support List" for more information.

## Chipset

1. Intel® B760 Express Chipset

## Memória

1. Support for DDR5 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

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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 HDMI port, supporting a maximum resolution of 4096x2160@60 Hz  
\* Support for HDMI 2.0 version and HDCP 2.3.
2. 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz  
\* Support for DisplayPort 1.2 version and HDCP 2.3

(Graphics specifications may vary depending on CPU support.)

**Áudio**

1. Realtek® Audio CODEC
2. High Definition Audio
3. 2/4/5.1/7.1-channel  
\* You can change the functionality of an audio jack using the

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**Slots de  
Expansão**

## CPU:

- 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16 (PCIEX16)

\* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot.

## Chipset:

- 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4)

Support for AMD CrossFireX™ technology

**Interface de  
Armazenamento**

## CPU:

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

## Chipset:

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1. 1 x USB Type-C<sup>®</sup> port on the back panel, with USB 3.2 Gen 2x2 support
2. 1 x USB Type-C<sup>®</sup> port with USB 3.2 Gen 2 support, available through the internal USB header
3. 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel
4. 1 x USB 3.2 Gen 1 port on the back panel
5. 4 x USB 2.0/1.1 ports available through the internal USB headers

**Chipset+USB 3.2 Gen 1 Hub:**

1. 4 x USB 3.2 Gen 1 ports (2 ports on the back panel, 2 ports available through the internal USB header)

**Chipset+USB 2.0 Hub:**

1. 4 x USB 2.0/1.1 ports on the back panel

**Conectores Internos I/O**

1. 1 x 24-pin ATX main power connector
2. 1 x 8-pin ATX 12V power connector

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9. 4 x SATA 6Gb/s connectors
10. 1 x front panel header
11. 1 x front panel audio header
12. 1 x USB Type-C<sup>®</sup> header, with USB 3.2 Gen 2 support
13. 1 x USB 3.2 Gen 1 header
14. 2 x USB 2.0/1.1 headers
15. 2 x Thunderbolt™ add-in card connectors
16. 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)
17. 1 x Q-Flash Plus button
18. 1 x reset button
19. 1 x reset jumper
20. 1 x Clear CMOS jumper

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## Conectores

### Painel Traseiro

1. 1 x USB Type-C<sup>®</sup> port, with USB 3.2 Gen 2x2 support
2. 1 x USB 3.2 Gen 2 Type-A port (red)
3. 3 x USB 3.2 Gen 1 ports
4. 4 x USB 2.0/1.1 ports
5. 1 x HDMI port
6. 1 x DisplayPort
7. 1 x RJ-45 port
8. 1 x optical S/PDIF Out connector

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**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 cooler you install.

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**BIOS**

1. 1 x 256 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

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**Características  
Exclusivas**

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

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**Sistema Operacional**

1. Support for Windows 11 64-bit
2. Support for Windows 10 64-bit

**Form Factor**

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

\* 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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GPU Server

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