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# B760 AORUS ELITE DDR4 (rev. 1.0)

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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 DDR4 5333(O.C.) / 5133(O.C.) / 5000(O.C.) / 4933(O.C.) / 4800(O.C.) / 4700(O.C.) / 4600(O.C.) / 4500(O.C.) / 4400(O.C.) / 4300(O.C.) / 4266(O.C.) / 4133(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3666(O.C.) / 3600(O.C.) /

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(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

(Please refer "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. 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. 2 x PCI Express x16 slots, supporting PCIe 3.0 and running at x1 (PCIEX1\_1, PCIEX1\_2)

**Interface de Armazenamento**

## CPU:

1. 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2A\_CPU)

## Chipset:

1. 2 x M.2 connectors (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2P\_SB, M2M\_SB)

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

**USB**

Chipset+USB 3.2 Gen 1 Hub:

1. 4 x USB 3.2 Gen 1 ports on the back panel

Chipset+2 USB 2.0 Hubs:

1. 8 x USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)

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**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 4-pin ATX 12V power connector
4. 1 x CPU fan header
5. 1 x CPU fan/water cooling pump header
6. 3 x system fan headers

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13. 1 x front panel audio header
14. 1 x USB Type-C<sup>®</sup> header, with USB 3.2 Gen 2 support
15. 1 x USB 3.2 Gen 1 header
16. 2 x USB 2.0/1.1 headers
17. 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)
18. 1 x reset button
19. 1 x Q-Flash Plus button
20. 1 x reset jumper
21. 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 2 support
  2. 1 x USB 3.2 Gen 2 Type-A port (red)
  3. 4 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
  9. 2 x audio jacks
-

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**Monitoramento  
H/W**

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

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

**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

**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. ATX Form Factor; 30.5cm 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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