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# B660 AORUS ELITE DDR4 (rev. 1.0)

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Intel® B660 Chipset

[Lista de Comparativos](#)

## CPU

1. LGA1700 socket: Support for 13th Generation Intel® Core™ Processors 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® B660 Express Chipset

## Memória

1. Support for DDR4 5333(O.C.)/ DDR4 5133(O.C.)/DDR4 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.) /

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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
  - \* To configure 7.1-channel audio, you need to open the audio software and select Device advanced settings > Playback Device

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**Slots de Expansão**

- 1 x PCI Express x16 slot, 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. (The PCIEX16 slot conforms to PCI Express 4.0 standard.)
- 2 x PCI Express x1 slots  
(The PCIEX1 slots conform to PCI Express 3.0 standard.)

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**Interface de Armazenamento**

CPU:

- 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 PCIe 4.0 x4/x2 SSD support) (M2A\_CPU)

Chipset:

- 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 PCIe 4.0 x4/x2 SSD support) (M2P\_SB)
- 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 PCIe 3.0 x4/x2 SSD support) (M2M\_SB)

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**Chipset:**

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

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11. 4 x SATA 6Gb/s connectors
12. 1 x front panel header
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 DisplayPort
6. 1 x HDMI 2.0 port
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**

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 (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 APP Center

\* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.

@BIOS

EasyTune

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**Pacote de Software**

1. Norton<sup>®</sup> Internet Security (OEM version)
2. LAN bandwidth management software

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**Sistema Operacional**

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

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**Form Factor**

1. ATX Form Factor; 30.5cm x 24.4cm
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\* 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.

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 **Brazil (Portugues)**

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