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# X670 AORUS ELITE AX (rev. 1.0/1.2)

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AMD X670 Chipset

[Lista de Comparativos](#)

## CPU

1. AMD Socket AM5, support for: AMD Ryzen™ 7000 Series Processors

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

## Chipset

1. AMD X670

## Memória

1. Support for DDR5 8000(OC)/ 7800(OC)/ 7600(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6666(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5600(OC)/ 5200/ 4800/ 4400 MT/s memory modules
2. 4 x DDR5 DIMM sockets supporting up to 192 GB (48 GB single DIMM capacity) of system memory

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(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.)

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**Gráficos Onboard****Integrated Graphics Processor:**

1. 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.

(Graphics specifications may vary depending on CPU support.)

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**Áudio**

1. Realtek<sup>®</sup> 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 audio software. To configure 7.1-channel audio, access the audio software for audio settings.
- 

**LAN**

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

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3. Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate

(Actual data rate may vary depending on environment and equipment.)

**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. 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4)
2. 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x2 (PCIEX2)

Support for AMD CrossFire™ technology (PCIEX16 and PCIEX4)

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## Interface de Armazenamento

x4/x2 SSD support) (M2B\_CPU)

Chipset:

1. 2 x M.2 connectors (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2C\_SB, M2D\_SB)
2. 4 x SATA 6Gb/s connectors

RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices  
RAID 0, RAID 1, and RAID 10 support for SATA storage devices

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## USB

CPU:

1. 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel
2. 2 x USB 3.2 Gen 1 ports on the back panel

CPU + USB 2.0 Hub:

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

Chipset:

1. 2 x USB Type-C<sup>®</sup> ports, with USB 3.2 Gen 2x2 support (1 port on the back panel, 1 port available through the internal USB header)

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2. 2 x 8-pin ATX 12V power connectors
3. 1 x CPU fan header
4. 1 x water cooling CPU fan header
5. 3 x system fan headers
6. 1 x CPU cooler LED strip/RGB LED strip header
7. 2 x addressable LED strip headers
8. 2 x RGB LED strip headers
9. 4 x SATA 6Gb/s connectors
10. 4 x M.2 Socket 3 connectors
11. 1 x front panel header
12. 1 x front panel audio header
13. 1 x USB Type-C<sup>®</sup> header, with USB 3.2 Gen 2x2 support
14. 2 x USB 3.2 Gen 1 headers
15. 2 x USB 2.0/1.1 headers
16. 1 x THB\_U4 add-in card connector
17. 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)
18. 1 x power button
19. 1 x reset button
20. 1 x Clear CMOS button
21. 1 x reset jumper

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Painel Traseiro**

4. 6 x USB 3.2 Gen 1 ports
5. 4 x USB 2.0/1.1 ports
6. 2 x USB 3.2 Gen 2 Type-A ports (red)
7. 1 x USB Type-C<sup>®</sup> port, with USB 3.2 Gen 2x2 support
8. 1 x RJ-45 port
9. 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.

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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
4. Support for Smart Backup

### Pacote de Software

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

### 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

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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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