



Home > Placas-mãe > [B550M AORUS ELITE](#)

B550M AORUS ELITE (rev. 1.3)

[rev. 1.0/1.1/1.2](#)

[Características](#) [Especificação](#) [Suporte](#) [Compre](#)

AMD B550 Chipset

[Lista de Comparativos](#)

CPU

1. AMD Socket AM4, support for: AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-Series/ Ryzen™ 4000 G-Series and Ryzen™ 3000 Series Processors

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

Chipset

1. AMD B550

Memória

1. 4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory

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modules^

* ECC memory (ECC mode) support varies by CPU

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.)

Integrated in the AMD Ryzen™ 5000 G-Series/4000 G-Series Processors:

Gráficos Onboard

1. 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz

* The DVI-D port does not support D-Sub connection by adapter.

2. 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz

* Support for HDMI 2.1 version, HDCP 2.3, and HDR.

Maximum shared memory of 16 GB

Áudio

1. Realtek® Audio CODEC

2. High Definition Audio

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LAN

1. Realtek[™] GbE LAN chip (1 Gbps/100 Mbps)

**Slots de
Expansão**

1 x PCI Express x16 slot (PCIEX16), integrated in the CPU:

1. AMD Ryzen[™] 5000 Series* and Ryzen[™] 3000 Series Processors support PCIe 4.0 x16 mode

* Actual support may vary by AMD CPU's specification.

2. AMD Ryzen[™] Ryzen[™] 5000 G-Series and Ryzen[™] 4000 G-Series Processors support PCIe 3.0 x16 mode

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

1 x PCI Express x16 slot (PCIEX4), integrated in the Chipset:

1. Supporting PCIe 3.0 x4 mode

1 x PCI Express x1 slot (PCIEX1), integrated in the Chipset:

1. Supporting PCIe 3.0 x1 mode

**Interface de
Armazenamento**

1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2242/2260/2280/22110 SSDs:

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Socket 5, IM key, type Z42/Z60/Z80 SSDs:

1. Supporting SATA and PCIe 3.0 x2 SSDs

4 x SATA 6Gb/s connectors, integrated in the Chipset:

1. Support for RAID 0, RAID 1, and RAID 10

CPU:

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

Chipset:

USB

1. 2 x USB 3.2 Gen 1 ports available through the internal USB header
2. 6 x USB 2.0/1.1 ports (4 ports on the back panel, 2 ports available through the internal USB header)

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 3.2 Gen 1 header
13. 1 x USB 2.0/1.1 header
14. 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)
15. 1 x serial port header
16. 1 x Clear CMOS jumper
17. 1 x Q-Flash Plus button

* All fan headers are subject to support AIO_Pump, Pump and high performance fan with the capability of delivering up to 2A/12V @ 24W.

**Conectores
Painel Traseiro**

1. 1 x PS/2 keyboard/mouse port
 2. 1 x DVI-D port
 3. 1 x HDMI port
 4. 4 x USB 3.2 Gen 1 ports
 5. 4 x USB 2.0/1.1 ports
 6. 1 x RJ-45 port
 7. 3 x audio jacks
-

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**Monitoramento
H/W**

2. Temperature detection
3. Fan speed detection
4. Overheating warning
5. Fan fail warning
6. Fan speed control

* Whether the fan speed control function is supported will depend on the cooler 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 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
RGB Fusion

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Pacote de Software

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

Observação

1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.
2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP. If drivers are available from the vendors, we will update them on the GIGABYTE website.

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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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