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# A520M K V2 (rev. 1.1) [rev. 1.0](#)

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AMD A520 Chipset

[Lista de Comparativos](#)

## CPU

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

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

## Chipset

1. AMD A520

## Memória

1. 2 x DDR4 DIMM sockets supporting up to 64 GB (32 GB single DIMM capacity) of system memory



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memory modules

6. Support for Extreme Memory Profile (XMP) memory modules

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

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

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



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**Slots de  
Expansão**

1. 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x16

Chipset:

1. 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1

**Interface de  
Armazenamento**

CPU:

1. 1 x M.2 connector (Socket 3, M key, type 2280 SATA and PCIe 3.0 x4/x2 SSD support)

Chipset:

1. 4 x SATA 6Gb/s connectors

Support for RAID 0, RAID 1, and RAID 10

**USB**

CPU:

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



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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 CPU fan header
4. 1 x system fan header
5. 1 x M.2 Socket 3 connector
6. 4 x SATA 6Gb/s connectors
7. 1 x front panel header
8. 1 x front panel audio header
9. 1 x USB 3.2 Gen 1 header
10. 2 x USB 2.0/1.1 headers
11. 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0\_S module only)
12. 1 x speaker header
13. 1 x Clear CMOS jumper
14. 1 x chassis intrusion header

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### Conectores Pannel Traseiro

1. 1 x PS/2 keyboard/mouse port
2. 1 x D-Sub port
3. 1 x HDMI port
4. 4 x USB 3.2 Gen 1 ports



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**Monitoramento  
H/W**

1. Voltage detection
2. Temperature detection
3. Fan speed detection
4. Fan fail warning
5. 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 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

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**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.



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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; 23.3cm x 19.8cm

**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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