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B550M DS3H (rev. 1.7)

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AMD B550 Chipset

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CPU

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

AMD B550

Memória

4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory
Support for DDR4 4733(O.C.) / 4600(O.C.) / 4400(O.C.) / 4266(O.C.) / 4133(O.C.) / 4000(O.C.) / 3866(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C) / 3400(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MT/s memory modules
Dual channel memory architecture

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Gráficos Onboard

Integrated Graphics Processor:

- 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.

- 1 x DisplayPort, supporting a maximum resolution of 5120x2880@60 Hz

* Support for DisplayPort 1.4 version, HDCP 2.3, and HDR.

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

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

Support for up to 3 displays at the same time
Maximum shared memory of 16 GB

Áudio

Realtek® ALC1220-VB CODEC

* The back panel line out jack supports DSD audio.

High Definition Audio
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

- AMD Ryzen™ 5000 G-Series/4000 G-Series Processors support PCIe 3.0x16 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:

- Supporting PCIe 3.0 x4 mode

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

- 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 2280/22110 SSDs:

- AMD Ryzen™ 5000 Series/3000 Series Processors support SATA and PCIe 4.0x4/x2 SSDs

- AMD Ryzen™ 5000 G-Series/4000 G-Series Processors support SATA and PCIe 3.0 x4/x2 SSDs

1 x M.2 connector (M2B_SB), integrated in the Chipset, supporting Socket 3, M key, type 2280 SSDs:

- Supporting SATA and PCIe 3.0 x2 SSDs

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- 2 x USB 3.2 Gen 1 ports available through the internal USB header
- 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 x 24-pin ATX main power connector
1 x 8-pin ATX 12V power connector
1 x CPU fan header
2 x system fan headers
2 x addressable LED strip headers
2 x RGB LED strip headers
1 x CPU cooler LED strip/RGB LED strip header
2 x M.2 Socket 3 connectors
4 x SATA 6Gb/s connectors
1 x front panel header
1 x front panel audio header
1 x USB 3.2 Gen 1 header
1 x USB 2.0/1.1 header
1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)
1 x serial port header
1 x Clear CMOS jumper
1 x Q-Flash Plus button

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1 x RJ-45 port
3 x audio jacks

Controlador I/O iTE[®] I/O Controller Chip

**Monitoramento
H/W**

Voltage detection
Temperature detection
Fan speed detection
Overheating warning
Fan fail warning
Fan speed control

* Whether the fan speed control function is supported will depend on the fan you install.

BIOS

1 x 128 Mbit flash
Use of licensed AMI UEFI BIOS
PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

**Características
Exclusivas**

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 SoftwareNorton[®] Internet Security (OEM version)
LAN bandwidth management software**Sistema Operacional**Support for Windows 11 64-bit
Support for Windows 10 64-bit**Form Factor**

Micro ATX Form Factor; 24.4cm 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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