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MB AM4 GIGABYTE B550 EAGLE WIFI6 1.0

Šifra:

Kategorija proizvoda: Matične ploče za AMD socket

Proizvođač: Gigabyte

Cena: **14.629,00** rsd.

MB AM4 GIGABYTE B550 EAGLE WIFI6 1.0

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 G-Series Processors/

AMD Ryzen™ 3000 Series Processors

(Go to GIGABYTE's website for the latest CPU support list.)

Chipset

AMD B550

Memory

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

Support for DDR4 3200/2933/2667/2400/2133 MT/s memory modules

Dual channel memory architecture

Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules

Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules

Support for Extreme Memory Profile (XMP) memory modules

(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" on GIGABYTE's website for more information.)

Onboard Graphics

Integrated Graphics Processor with AMD Radeon™ Graphics support:

- 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 native HDMI 2.1 TMDS compatible ports.

(Graphics specifications may vary depending on CPU support.)

Maximum shared memory of 16 GB

Audio

Realtek® Audio CODEC

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.

LAN

Realtek® GbE LAN chip (1 Gbps/100 Gbps/10 Mbps)

Wireless Communication module

Realtek® Wi-Fi 6 RTL8851BE

- WIFI a, b, g, n, ac, ax, supporting 2.4/5 GHz carrier frequency bands

- BLUETOOTH 5.3

- Support for 11ax 80MHz wireless standard

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

Expansion Slots

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

AMD Ryzen™ 5000/3000 Series Processors support PCIe 4.0 x16 mode

AMD Ryzen™ 5000 G/4000 G/3000 G Series Processors support PCIe 3.0x16 mode

* The PCIEX16 slot can only support a graphics card or an NVMe SSD. If only one graphics card is to be installed, be sure to install it in the PCIEX16 slot.

Chipset:

- 4 x PCI Express x16 slots, supporting PCIe 3.0 and running at x1(PCIEX1_1, PCIEX1_2, PCIEX1_3, PCIEX1_4)

Storage Interface

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

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

- AMD Ryzen™ 5000 G/4000 G/3000 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 22110/2280 PCIe 3.0 x4/x2 SSDs

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

USB

CPU:

- AMD Ryzen™ 5000/3000 Series Processors support one USB 3.2 Gen 2 Type-A port (red) on the back panel

- AMD Ryzen™ 5000 G/4000 G/3000 G-Series Processors support one USB 3.2 Gen 1 port (red) on the back panel

- 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 1 support

- 2 x USB 3.2 Gen 1 ports on the back panel

Chipset:

- 1 x USB Type-C® port with USB 3.2 Gen 1 support, available through the internal USB header

- 2 x USB 3.2 Gen 1 ports available through the internal USB header

- 4 x USB 2.0/1.1 ports available through the internal USB headers

Chipset+USB 2.0 Hub:

- 4 x USB 2.0/1.1 ports on the back panel

Internal I/O Connectors

1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x CPU fan header

1 x CPU fan/water cooling pump header

3 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 Type-C® header, with USB 3.2 Gen 1 support

1 x USB 3.2 Gen 1 header

2 x USB 2.0/1.1 headers

1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)

1 x Clear CMOS jumper

Back Panel Connectors

4 x USB 2.0/1.1 ports

2 x antenna connectors (1T1R)

1 x HDMI port (Note)

1 x USB 3.2 Gen 2 Type-A (Note)/USB 3.2 Gen 1 port (red)

1 x USB Type-C® port, with USB 3.2 Gen 1 support

1 x Q-Flash Plus button

1 x RJ-45 port

2 x USB 3.2 Gen 1 ports

3 x audio jacks

(Note) Actual support may vary by CPU.

I/O Controller

ITE® I/O Controller Chip

H/W Monitoring

Voltage detection

Temperature detection

Fan speed detection

Water cooling flow rate detection

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

Unique Features

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

- Smart Backup

- System Information Viewer

Support for Q-Flash Plus

Support for Q-Flash

Bundled Software

Norton® Internet Security (OEM version)

LAN bandwidth management software

Operating System

Support for Windows 11 64-bit

Support for Windows 10 64-bit

Form Factor

ATX Form Factor; 30.5cm x 24.4cm

Link: <https://www.gigabyte.com/Motherboard/B550-EAGLE-WIFI6/sp#sp>