

MB AM4 Gigabyte B550 GAMING X V2 (rev. 1.0)

Šifra: 62721

Kategorija proizvoda: AMD MATIČNE PLOČE

Proizvođač: Gigabyte

Cena: **15.010,00** rsd.



CPU

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

AMD B550

Memory

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
MHz memory modules

Dual channel memory
architecture

Support for ECC Un-
buffered DIMM

1Rx8/2Rx8 memory
modules*

* ECC memory (ECC
mode) support varies by
CPU

Support for non-ECC Un-
buffered DIMM

1Rx8/2Rx8/1Rx16
memory modules

Support for Extreme
Memory Profile (XMP)
memory modules

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

Onboard Graphics

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 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

Audio

Realtek® Audio CODEC

High Definition Audio

2/4/5.1/7.1-channel

* To configure 7.1-
channel audio, you need
to open the audio
software and select
Device advanced

settings > Playback
Device to change the
default setting first.
Please visit GIGABYTE's
website for details on
configuring the audio
software.

LAN

Realtek® GbE LAN chip
(10/100/1000 Mbit)

Expansion Slots

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

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

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 (PCIEX2), integrated in the
Chipset:

Supporting PCIe 3.0 x2
mode

3 x PCI Express x1 slots (PCIEX1_1, PCIEX1_2,
PCIEX1_3), integrated in the Chipset:

Supporting PCIe 3.0 x1
mode

Storage Interface

1 x M.2 connector (M2A_CPU), integrated in the CPU,
supporting Socket 3, M key, type

2242/2260/2280/22110 SSDs:

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

AMD Ryzen™ Ryzen™ 5000 G-Series and Ryzen™ 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 2242/2260/2280/22110 SSDs:

Supporting SATA and PCIe 3.0 x4/x2 SSDs

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

Support for RAID 0, RAID 1, and RAID 10

USB

Chipset:

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

3 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

6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)

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 water cooling CPU fan 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™ port, 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

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

Back Panel Connectors

- 2 x USB 2.0/1.1 ports
- 1 x PS/2 keyboard/mouse port
- 1 x DVI-D port
- 1 x HDMI port
- 3 x USB 3.2 Gen 1 ports
- 1 x USB 3.2 Gen 2 Type-A port (red)
- 1 x Q-Flash Plus button
- 1 x RJ-45 port
- 3 x audio jacks

I/O Controller

H/W Monitoring

Voltage detection

Temperature detection

Fan speed detection

Water cooling flow rate
detection

Overheating warning

Fan fail warning

Fan speed control

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

BIOS

1 x 256 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

Fast Boot

ON/OFF Charge

RGB Fusion

Smart Backup

System Information

Viewer

Support for Q-Flash Plus
Support for Q-Flash
Support for Xpress Install

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