GIGABYTE

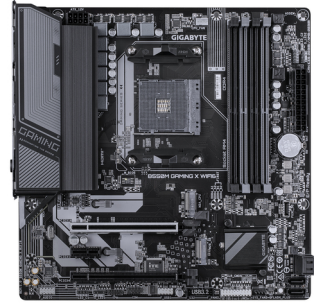# GIGABYTE B550M GAMING X WIFI6 emaplaat AMD B550 Pesa AM4 Mikro ATX

Brand : GIGABYTE

Product code: B550M GAMING X WIFI6

Product name : B550M GAMING X WIFI6

GIGABYTE B550M GAMING X WIFI6. Protsessori tootja: AMD, Protsessori pesa: Pesa AM4, Ühilduvad protsessoriseeriad: AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series. Toetatud mälutüübid: DDR4-SDRAM, Maksimaalne sisemälu: 128 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, PCI Express 3.0, PCI Express 4.0, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 10. Maksimaalne resolutsioon: 5120 x 2880 pikslit. Ethernet-liidese tüüp: Gigabit Ethernet, LAN-kontroller: Realtek RTL8111H, Wi-Fi standard: Wi-Fi 6 (802.11ax)

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series
Supported processor sockets	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz
Supported memory clock speed (max)	3200 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔
Maximum internal memory per slot	32 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✔
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	5120 x 2880 pixels
HDCP	✔
DirectX version	12.0

Network

Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN controller model	Realtek RTL8851BE
Bluetooth	✔
Bluetooth version	5.3

Features

Motherboard chipset *	AMD B550
Audio chip	Realtek ALC1220-VB
Audio output channels *	7.1 channels
Product colour	Dark brown
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	4.0
2nd M.2 largest key size	2280

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	1
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	1
TPM connector	✔
Serial port headers	1
RGB LED pin header	✔
Number of RGB LED pin headers	5

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✔
Microphone in	✔
WiFi-AP antenna jack	2

Network

Ethernet LAN	✔

Expansion slots

2nd M.2 highest PCI Express generation	3.0

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data

Products per shipping (inner) case	1 pc(s)

Battery

Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data

Package width	270 mm
Package depth	268 mm
Package height	68 mm
Package weight	1.24 kg

Weight & dimensions

Width	244 mm
Depth	244 mm
Height	35 mm

Packaging content

Batteries included	✔
Antenna included	✔
Screws included	✔
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

Other features

Weight	1.14 kg

Technical details

Warranty period	3 year(s)

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