# MSI B550 GAMING GEN3

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| **Artikel** | 129836 |
| **Herstellernummer** | 911-7B86-050 |
| **EAN** | 4719072970321 |
| MSI | |

## FULLY CONTROLLABLE IN BIOS AND SOFTWARE
MSI motherboards let you manage speeds and temperatures for all your system and CPU fans. Total Fan Control allows you check your primary system characteristics in a simplified graphical interface. You can also set up to 4 temperature targets for CPU and motherboard, which will adjust the fan speeds automatically.

## OPTIMIZED FOR WATER COOLING
Designed to support the most popular All-In-One & customized water cooling solutions on the market. A dedicated water pump PIN header supports up to 3 amp, giving you full control of the water pump speed. A clearly marked 'keep-out-zone' allows for easy and safe installation and a perfect fit.

## FAST AND FUTURE-READY STORAGE
MSI B550 motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Higher efficiency makes your work easier.

## DEDICATED HIGH DEFINITION AUDIO PROCESSOR
Make sure you enjoy the purest sound quality in both stereo and surround sound.

## HIGH QUALITY AUDIO CAPACITORS
A high fidelity sound experience with exceptional acoustics and realism for studio level headphones is ensured.

## HIGH QUALITY AUDIO JACKS
Keep your sound perfect by transmit your audio with pure digital signal.

## ISOLATED AUDIO DESIGN
Like a dedicated sound card, audio components and circuits have been laid on a reserved motherboard section and electrically isolated.

## SEPARATED AUDIO LAYERS FOR CLEAN LEFT & RIGHT CHANNELS
Using separated layers in the PCB ensures equally pristine sound quality for both left and right audio channels.

Audio Boost protects your ears by eliminating those annoying loud popping sounds when you plug/unplug devices or turn your PC on/off.

# Zusammenfassung

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MSI B550 GAMING GEN3, AMD, Socket AM4, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen, AMD Ryzen 9 7th Gen, DDR4-SDRAM, 128 GB, DIMM

MSI B550 GAMING GEN3. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen, AMD Ryzen 9 7th Gen. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 10. Parallel processing technology support: Crossfire. HDMI version: 2.0b

# Merkmale

## Graphics

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|---|---|
| Parallel processing technology support | Crossfire |
| DirectX version | 12.0 |

## Expansion slots

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|---|---|
| PCI Express x1 slots | 4 |
| PCI Express x16 (Gen 3.x) slots | 2 |
| Number of M.2 (M) slots | 1 |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors | 2 |

## Network

| | |
|---|---|
| Ethernet LAN | Y |
| Ethernet interface type | Gigabit Ethernet |
| LAN controller | Realtek RTL8111H |
| Wi-Fi | N |

## Memory

| | |
|---|---|
| Supported memory types | DDR4-SDRAM |
| Number of memory slots | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| Supported memory clock speed (max) | 4400 MHz |
| Maximum internal memory | 128 GB |

## Features

| | |
|---|---|
| Motherboard chipset | AMD B550 |

| | |
|---|---|
| Number of SATA III connectors | 6 |

## Processor

| | |
|---|---|
| Processor manufacturer | AMD |
| Processor socket | Socket AM4 |
| Compatible processor series | 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen, AMD Ryzen 9 7th Gen |

## Storage controllers

| | |
|---|---|
| Supported storage drive interfaces | M.2, SATA III |
| RAID support | Y |
| RAID levels | 0, 1, 10 |

| | |
|---|---|
| Audio chip | Realtek ALC897 |
| Audio output channels | 7.1 channels |
| Component for | PC |
| Motherboard form factor | ATX |
| Motherboard chipset family | AMD |
| Windows operating systems supported | Windows 10 x64, Windows 11 x64 |

## Rear panel I/O ports

| | |
|---|---|
| USB 2.0 ports quantity | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-2 A ports quantity | |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-2 A ports quantity | |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity | 1 |
| HDMI version | 2.0b |
| DVI-D ports quantity | 1 |