


# MSI B550M PRO-VDH WIFI motherboard AMD B550 Socket AM4 micro ATX

Model: 7C95-001R

Manufacturer: MSI

EAN: 4719072733698

Product Code: 1743971

## R3,327

PRO series helps users work smarter by delivering an efficient and productive experience. Featuring stable functionality and high-quality assembly, PRO series motherboards provide not only optimized professional workflows but also less troubleshooting and longevity.

## USER FRIENDLY DESIGN

MSI motherboards feature tons of convenient and smart design for DIY users, countless system tuning and troubleshooting tools are at your disposal to push your system to new heights and satisfy even the most demanding tweaker. Makes it so easy to install your own motherboard without any

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issue.

## M.2 SHIELD FROZR

World’s fastest SSDs can start to lower performance when getting hot. Part of the motherboards heatsink design, M.2 SHIELD FROZR is the next generation M.2 thermal solution to avoid this by offering the best thermal protection to make sure that SSD maintains maximum performance.

## 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.

## EASY BIOS RECOVERY WITH FLASH BIOS BUTTON

Run into trouble when updating your BIOS? Simply flash the old BIOS version back and continue working within minutes with Flash BIOS Button. Flash BIOS Button even works without a CPU, memory or graphics card installed!

## EZ DEBUG LED

Run into trouble? Onboard LEDs for key components will indicate the source of the problem so you know exactly where to look to get up and running again.

## XL CLIP

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The enlarged PCI-E clip helps you swap or remove your devices easier. Keep the PCI-E slot stronger and safer.

## FORTIFY YOUR SYSTEM WITH PCI-E STEEL ARMOR

MSI PCI Express Steel Armor slots are secured to the motherboard with extra solder points and support the weight of heavy graphics cards. When every advantage in games counts, Steel Armor shields the point of contact from electromagnetic interference.

## ULTIMATE MOTHERBOARD PROTECTION

Double ESD protection doubles up the grounding layer around the mounting holes, preventing static discharge surges from damaging the motherboard.

## CONNECTIVITY

The most important thing of DIY is expandability. MSI PRO series motherboards feature plenty possibility for prosumers’ need. Stable LAN, faster storage and USB transfer speed and other expandable connectors are ready to enlarge your flexibility.

## NEXT-GEN INTEL WI-FI AC & BLUETOOTH

This next-generation Intel Wi-Fi / Bluetooth solution delivers AC speeds up to 433Mbps without any cable limitation.

## FAST AND FUTURE-READY STORAGE

MSI PRO series motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Higher efficiency makes your work easier.

## LIGHTNING GEN 4 M.2

Utilizing 3rd Gen Ryzen processors, MSI B550 motherboards feature latest Lightning Gen 4 M.2 which is the fastest onboard storage solution on the market with up to 64 Gb/s transfer speed.

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## USB FRONT TYPE-C

MSI motherboards support USB Front Type-C that allows gamers to connect with the latest USB devices. Built up a system with MSI PC case to have the most convenient experience.

## EXTEND YOUR RGB EXPERIENCE WITH EASE

Add your color if you want! Mystic Light Extension pin header provides an intuitive way to control additional RGB strips and other RGB peripherals added to a system, without needing a separate RGB controller.

## EXPERIENCE MORE

MSI PRO series motherboards are designed to satisfy any professional workflow. Elevate your listening pleasure and enjoy extreme sound quality. Moreover, with years of experience in creating performance enhancing tools that are easy to use, only the highest quality applications are at your disposal. The extensive features let you fine-tune your system to deliver reliable maximum performance.

## PCB WITH 2OZ THICKENED COPPER

An enhanced PCB design with 2oz thickened copper increases conductivity, improving heat dissipation and performance reliability especially during overclocking.

## LIGHTNING GEN 4 PCI-E

MSI lightning Gen 4 PCI-E is the latest and the fastest PCI-E data transfer solution with 64GB/s of unidirectional transfer bandwidth that has doubled compared to its previous generation. PCIe 4.0 maintains both backward and forward compatibility with older and newer specifications. Optimized by steel armor design and server grade PCB, you can enjoy next-gen devices without any compromise.

## A HUGE STEP OF DDR PERFORMANCE

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MSI OC LAB does not merely work hard on extreme overclocking. Compared to B450 motherboard memory A-XMP profile, MSI does have great improvement on performance and efficiency for B550 motherboards. Easy to enable A-XMP profile with auto power settings to get the best memory speed and stability.

## CORE BOOST

Core Boost technology combines MSI's premium layout and optimized power design which allows for faster and undistorted current delivery to the CPU at pin-point precision. Not only supporting multi-core CPU, also creating the perfect conditions for your CPU overclocking.

## 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.

## HD AUDIO CONNECTORS

Keep you sound perfect by transmit your aduio 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.

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## DRAGON CENTER

MSI brand new Dragon Center unifies a suite of MSI software utilities into a single centralized application. Take control of advanced motherboards features and unleash endless possibilities.

## CLICK BIOS 5

Get more from a loaded BIOS designed for ease of use. Fine-tune the motherboard for gaming performance, efficiency, or overclocking world records!

## CREATOR GENIE

Quickly overclock your CPU with a single button for more performance.

## A-XMP

Choose from a preset A-XMP profile and automatically overclock compatible DDR memory.

## M-FLASH

Conveniently flash or upgrade the BIOS in a few minutes from the CMOS Setup Utility.

## HARDWARE MONITOR

Get immediate access to your critical hardware information in real-time including temperature, memory capacity, clock speed, and voltage.

## MEMORY TRY IT

Get extreme speed out of your system memory and get more performance.

## SEARCH & FAVORITES

A permanent search & favorite option in the top right corner moves you through the BIOS menus quickly.

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