MS-X570-A PRO

MSI X570-A PRO AMD X570 Chipset AMD Ryzen AM4 Socket Motherboard

Product Overview

MSI X570-A PRO AMD X570 Chipset AMD Ryzen AM4 Socket Motherboard, 4 DDR4 memory slots, support up to 128GB (depending on the processor), 1 x 24-pin ATX main power connector, 1 x 8-pin ATX 12V power connector, 1 x 4-pin ATX 12V power connector, 6 x SATA 6Gb/s connectors, 2 x USB 2.0 connectors (supports additional 4 USB 2.0 ports), 2 x USB 3.2 Gen1 connectors (supports additional 4 USB 3.2 Gen1 ports), 1 x 4-pin CPU fan connector, 1 x 4-pin water-pump connector, 4 x 4-pin system fan connectors, 1 x Front panel audio connector, 2 x System panel connectors, 1 x TPM module connector, 1 x Serial port connector, 1 x Clear CMOS jumper, 1 x Chassis Intrusion connector, 2 x 4-pin RGB LED connectors, 2 x 3-pin RAINBOW LED connectors, 4 x EZ Debug LEDs, Keyboard / Mouse, 2 x USB 3.2 Gen1 Type-A, LAN Port, HD Audio Connectors, Flash BIOS Button, USB 2.0 Ports, HDMI Port, 1 xUSB 3.2 Gen2 Ports (Type-C), 2 x USB 3.2 Gen1 Type-A Ports, Optical S/PDIF out, ATX Form Factor, 30.4 cm x 24.3 cm



Specifications

Features:

DIY FRIENDLY
MSI motherboards been designed with tons of smart features for convenient setup and usage, such as pin-header keep out zone, friendly SATA & USB location and multiple cooling solutions, so DIY users can pick and choose any gaming rig they want.

STAY COOL AND SUSTAIN PERFORMANCE
Cooling is essential for a high performance PC to sustain intense workloads. X570-A PRO features a heavy duty heatsink on the MOSFETs for reliable processor power delivery. Numerous fan headers with full fan speed control lets builders tune their system cooling the way they like it.

NATTIER WAY ON COOLING CONTROL
MSI FROZR Heatsink design combines the power of MSI's exclusive ZERO FROZR and AI tuning technology to auto-adjust fan speed according to the chipset's temperature. You can also select three different modes (Boost/Balance/Silence) depending on your preferences via Dragon center or MSI UEFI BIOS and enjoy the best performance without compromise.

CONTROL FANS IN BIOS AND SOFTWARE
Total Fan Control lets you check and manage temperature and fan speeds within an easy-to-use graphical interface. Set up to four CPU temperature targets and the motherboard and fan speeds will be adjusted automatically.

AUTODETECT DC OR PWM MODE WITH HYSTERESIS
MSI fan headers automatically detect fans running in DC or PWM mode for optimal tuning of fan speeds and silence. Hysteresis also makes your fans spin up fluently to make sure your system stays silent, no matter what.

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 2 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.

TROUBLESHOOTING FRIENDLY DESIGN
MSI motherboards been designed to make the system assembly process as convenient as possible. An array of system tuning features and troubleshooting tools are available to ease installation and setup.

KEEP OUT ZONE
MSI motherboards circuitry ensure the case standoff keep out zones are pure and clean, preventing any component contact or damage to the motherboard.

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

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.

MAXIMUM COMPATIBILITY
Every MSI motherboards are certified by strict mechanic that feature convenient pin-header keep out zone, friendly SATA & USB location for compatibility with the widest range of components and devices, so DIY user can pick and choose the components they want. More than that, we offer a dedicated Qualified Vendor List (QVL) for the most critical part - memory. Combining with MSI DDR4 Boost technology, we provide the maximum compatibility even over clocking, so you confirm and choose any gaming rig as you want.

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.

RYZEN PROCESSOR SUPPORT
MSI X570 motherboards support latest generation RYZEN processors from AMD with updated features and capabilities. Ascend to new heights with a platform built for both creators and gamers.

MEMORY COMPATIBILITY & TESTING
Get stability out of MSI's extensive and aggressive memory testing and optimization. Working alongside partnered brands like Corsair, Crucial, Kingston, G.SKILL, and many more, MSI has worked hard to get the most out as many memory configurations as possible

APPS TO GREATLY IMPROVE EFFICIENCY
With years of experience in creating performance enhancing tools that are easy to use, only the highest quality applications are at your disposal. Use these tools to get the most out of your motherboard and achieve victory when gaming. Moreover, we made sure our BIOS contains all the latest options and is easy to use for everyone. The extensive features let you fine-tune your system to deliver reliable maximum performance.

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!

GAME BOOST
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.

TOTAL FAN CONTROL
Monitor and manage fan speeds for system and CPU fans.

SECURE ERASE+
Wipe an SSD with an optimized formatting algorithm and enjoy an SSD with maxed free space!

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

M.2 Genie
Quickly and easily set up a RAID 0 array for M.2 and U.2 SSDs with this automated utility.

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

ENHANCED PERFORMANCE
MSI motherboards featured all the latest solution for enthusiast gamers and prosumers. CPU and memory enhancement and fast storage and USB transfer speed are ready to be on the battlefield.

LOOKING COOL WHILE KEEPING COOL
High quality materials and smart fan optimizations contribute to cooling all essential components, which is key to making sure your system runs stable and delivers the best performance at all times.

CORE BOOST
Core Boost is the latest advancement of MSI's motherboard CPU power delivery system. A reserved zone of premium power delivery components on an optimized circuit design results in a highly efficient power system capable of precise current output to the CPU.

UNMATCHED MEMORY PERFORMANCE
MSI takes memory stability and performance to the extreme. We've designed an optimized memory circuit design for reliability and tested compatibility extensively in partnership with major memory manufacturers.

A HUGE STEP OF DDR PERFORMANCE
MSI OC LAB does not merely work hard on extreme overclocking. Compare to X470 motherboard memory support, MSI does have great improvement on performance and efficiency.

FOR HIGHER MEMORY SPEED: DDR4 BOOST 2
Besides optimized PCB design, MSI OC lab has also co-worked with world-known memory brands, pushing memory speed to a peak. MSI X570 motherboards are going to free the these selected memories' performance with stability.

DRAGON ALLIANCE
THESE SELECTED DDR MODULES PASSED CRITICAL TESTS, THEY ARE HIGHLY COMPATIBLE WITH MSI X570 MOTHERBOARDS.

EASY OVERCLOCKING WITH A-XMP PROFILES
Choose from a preset A-XMP profile in CLICK BIOS 5 and automatically overclock compatible DDR memory. The MSI OC lab has tested and certified these settings for speed and stability.

Fast and Future-ready Storage
Connect any ultra-fast storage device and get into the game sooner.

LIGHTNING GEN 4 M.2
Utilizing 3rd Gen Ryzen processors, MSI X570 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.

BOOST YOUR STORAGE PERFORMANCE
Enabling the Storage Boost tool will automatically check and optimize SSDs, keeping them fast with maximized storage performance.

EASY RAID SETUP WITH M.2 GENIE
The M.2 Genie utility takes the work out of setting up M.2 SSDs in a RAID 0 array. Drive your data transfer to extreme speeds without the challenge of a tricky setup and configuration.

MAXIMIZE YOUR USB DEVICE PERFORMANCE
Read and write your files over USB faster than ever. MSI offers a wide variety of options to connect and boost your USB devices, delivering lightning-fast transfer speeds up to 10Gb/s

MORE STABILITY WITH AMD TURBO USB 3.2 GEN2
The latest USB standards and protocols are supported including USB 3.2 GEN2.

TYPE-C REVERSIBLE CONNECTOR INCLUDED
Reversible USB Type-C devices and cables are supported.

SOUND THAT PULLS YOU INTO THE GAME
Deliver the highest sound quality through the use of premium quality audio components and get the most immersive sound experience when gaming. MSI motherboards let you enjoy breathtaking, gaming-changing sound.

ISOLATED AUDIO DESIGN
EMI-shielded HD audio processors let you enjoy the purest sound quality in front and rear connectors.

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.

ALL NEW NAHIMIC 3 - FOR NEXT LEVEL AUDIO IMMERSION
Immerse yourself with Nahimic 3 and enhance any audio playback into unreal experiences. Infuse your choice of enhancements including 3D surround sound and tune audio settings through a simple and intuitive new menu interface.

Get clearer order with VOICE BOOST

Hear your teammates perfectly with Voice Boost enabled. Game audio is automatically reduced when teammates speak and set back to normal when no one is speaking.

DE-POP PROTECTION
A de-pop filter eliminates loud popping noises that occur when devices are plugged/unplugged or when the PC is turned on/off.

DEDICATED HEADPHONE AMPLIFIER THAT AUTO-DETECTS IMPEDANCE
A dedicated headphone can drive audiophile headphones up to 600ohm impedance, delivering studio-grade sound quality from your gaming PC. Audio Boost 4 automatically detects the optimal impedance and adjusts the output for the best sound quality.

EXHILARATING AND INSPIRING
Each MSI motherboard is built based on the specific topic in order to match different tastes and favors. Furthermore, MSI also adopts the modern style to design the heatsink through huge surface and sleek but simple cuts in order to make the heatsink and appearance looks ripped and powerful. Combined with neutral color, such as black, grey and silver, as the main background, MSI motherboard can perfect fit different RGB LED effects and strongly shows the gamers tunes.

MAKE YOUR PC MORE THAN YOU THINK
PRO Series motherboards combine stable functionality and high quality assembly for clever business solutions. Designed to satisfy any professional workflow, PRO Series motherboards make life easier for businesses and office use.

Mystic Light
Illuminate with MSI Mystic Light and bring the motherboard RGB lighting to life. Choose from millions of colors and sync across compatible devices.

MYSTIC LIGHT SYNC
Control compatible RGB peripherals with the Mystic Light application. An open source SDK is available for developers to integrate Mystic Light with RGB devices.

LOYAL COMRADE
With years of experience, MSI is no stranger to building high-performance motherboards. Our R&D and engineering teams have reviewed countless designs, evaluated a wide selection of high quality components, and developed products for reliability even under extreme conditions.

BUILT ON EVERLASTING QUALITY
Using only the finest quality components and integrating the latest technological innovations delivers the best possible professional experience. Rigorous quality testing under the most extreme conditions ensures a super reliable, long-lasting and high performance motherboard.

SERVER grade pcb
MSI X570 motherboards have adopted server grade PCB to fully support the higher bandwidth and faster transfer speeds of PCI-E Gen 4.

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.

WINDOWS 10 CERTIFIED

With MSI you benefit from great compatibility and a worry-free user experience when using Microsoft Windows 10. MSI X570 motherboards are Microsoft Windows 10 certified. Enjoy compatibility with the latest version of Windows on MSI motherboards.

Specifications:

© 2019 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	MS-X570-A PRO
Socket	AM4
CPU (Max Support)	RYZEN 9
Chipset	AMD X570 Chipset
DDR4 Memory	1866/ 2133/ 2400/ 2667/ 2800/2933 /3000 /3066 /3200 /3466 /3600 /3733 /3866 /4000 /4133 /4266 /4400 + Mhz by JEDEC and A-XMP OC MODE
Memory Channel	Dual
DIMM Slots	4
Max Memory (GB)	128
PCI-E x16	1
PCI-E x4	1
PCI-E x1	3
SATAIII	6
M.2 Slot	2
RAID	0/1/10
TPM (header)	1
LAN	1x Realtek 8111H Gigabit LAN Controller
USB 3.2 ports (Front)	4(Gen1, Type A)
USB 3.2 ports (Rear)	4(Gen1, Type A), 1(Gen2, Type A), 1(Gen2, Type C)
USB 2.0 ports (Front)	4
USB 2.0 ports (Rear)	2
Serial ports(Front)	1
Audio ports (Rear)	5+ Optical S/PDIF (Realtek ALC1220 Codec)
HDMI	1
DirectX	12
Form Factor	ATX
CrossFire	Y
Operating System	Support for Windows 10 64-bit

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MS-X570-A-PRO-MSI-X570-A-PRO-AMD-X570-Chipset-AMD-Ryzen-AM4-Socket-Motherboard-p-226301.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-14 23:16:46.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.