MB-GX570SAPi+W

Gigabyte X570Si Aorus Pro ITX AMD X570 Chipset AMD Ryzen AM4 Socket Mini-ITX Motherboard with WiFi

Product Overview

Gigabyte X570Si Aorus Pro ITX Wifi: AMD AM4 mb - with 8 phase digital VRM, pre-mounted I/O shield with thermal armor RGB Fusion 2.0 with on-board RGB display (multi zones), Addressable LED Strip Support, thermal backplate, SmartFan5 with 4x tem



Specifications

Overview:

GIGABYTE X570S motherboards feature upgraded power solution, passive and silent thermal design, and PCIe 4.0 components to keep your gaming system up to fast and powerful, even under heavy workloads.

Features:

- Supports AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-Series/ Ryzen™ 4000 G Series/ Ryzen™ 3000 Series/ Ryzen™ 3000 G Series/ Ryzen™ 2000 Series/ Ryzen™ 2000 G Series Processors
- Dual Channel ECC/ Non-ECC Unbuffered DDR4, 2 DIMMs
- Twin 8 2 Phases Digital VRM Solution with 90A Smart Power Stage
- Groove Designed and Multi-layered Heatsinks for Chipset and M.2 Thermal Guard III with Heatpipe
- AMD WiFi 6E 802.11ax & BT 5.2
- Dual Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Thermal Guard
- Blazing Fast Intel® 2.5GbE LAN with cFosSpeed
- Rear and Front USB3.2 Type-C® for Fast and Versatile Connections
- AMP-UP Audio with ALC1220-VB and Nichicon Audio Capacitors
- Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
- RGB FUSION 2.0 with Multi-Zone Addressable LED Light Show Design, Support Addressable LED & RGB LED Strips
- Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card

UNPARALLELED PERFORMANCE
To unleash the full potential of the latest AMD Ryzen™ 5000 series processors, the motherboard requires the best CPU power, memory and IO design. With the best quality components and GIGABYTE R&D design capability, X570SI AORUS PRO AX is a true beast among motherboards.

Twin Power Design
GIGABYTE X570S Motherboards are equipped with best in class power solution to release the full potential of the latest AMD Ryzen™ 5000 Series CPUs. The VRM power design includes MOSFETs which Vcore and SOC accompanied by digital PWM, premium chokes and high quality capacitors to offer extraordinary stability and precision to the high performance CPU. In addition, Ten-layered PCB and comprehensive thermal solution allows enthusiasts to enjoy the extreme overclocking performance without compromise.

Support for DDR4 XMP Up to 5300MHz and Beyond*
AORUS is offering a tested and proven platform that ensures proper compatibility with profiles up to 5300MHz and beyond. All users need to do to attain this performance boost is to ensure that their memory module is XMP capable and that the XMP function is activated and enabled on their AORUS motherboard.

Single 32GB Support
With populated 1 DIMMs per channel on X570SI AORUS PRO AX motherboard, the maximum memory capacity support is 64GB. For users who always run out of memory capacity, they are able to enjoy more bandwidth now for memory-intensive application such as rendering and video editing.

ADVANCED THERMAL SOLUTION
X570SI AORUS PRO AX uses an unprecedented and innovative thermal design to ensure the best CPU, Chipset, SSD stability and low temperatures under full loading application and gaming.

Smart Fan 6
Smart Fan 6 contains several unique cooling features that ensure gaming PC maintain its performance while staying cool and quiet. Multiple fan headers can support PWM/DC fan and pump, and users can easily define each fan curve based on different temperature sensors across the board via intuitive user interface.

High Current Support
Each fan headers support PWM and DC fan and Water cooling Pump , and up to 24W (12V x 2A) with Over-Current Protection

Precision Control
4 temperature/fan speed control points for precise fan curve

Dual Curve Mode
Slope/Stair dual mode for different user scenario

Fan Stop
Fan can stop completely below users' specified temperature point

Improve fan curve UI
We increase control points from 5 to 7 and larger fan speed graph for precise and easier fan curve control.

Slope/Stair dual graph mode
Fan curve can be quickly switch with Slope and Stair modes for different user scenario. Slope is traditional and intuitive linear fan speed curve. With newly added Stair non-linear mode, fan keeps at same speed between specified temperature interval.

Manual Input
For advanced users, we provide fan speed manual input for more precise control.

EZ Tuning
Use can place 4 EZ Tuning points at rough temperature/fan speed, and Smart Fan 6 can quickly generate a fan curve.

Fan curve profile

Fan curve profile can be saved in BIOS ROM, profile will be kept after updating BIOS.

Fan Stop
Achieve fan silence. With Fan Stop, map any fan to stop completely when temperatures drop below a specified threshold. Which fan stops, based on readings from which sensor, and at what temperature-all of it can be customized to your liking.

NEXT GENERATION CONNECTIVITY
A high-end product needs to be future-proof so your system stays up-to-date with the latest technology. X570SI AORUS PRO AX provides all next generation network, storage, and WIFI connectivity to keep you up to speed.

2X Faster than ever

- Adoption of 2.5G LAN provide up to 2.5 GbE network connectivity, with at least 2X faster transfer speeds compared to general 1GbE networking, perfectly designed for gamers with ultimate online gaming experience.
- Support Multi-Gig(10/100/1000/2500Mbps) RJ-45 Ethernet

AMD WiFi 6E 802.11ax BT 5.2 Module
AMD Wireless solution 802.11ax WIFI 6E with new dedicated 6GHz band, enables gigabit wireless performance and provides smooth video streaming, better gaming experience, few dropped connections and speeds up to 1.2Gbps*. Moreover, Bluetooth 5.2 provides 4X range over BT 4.2 and with faster transmission.

Benefit of WiFi 6E

- Dedicated spectrum in 6GHz band for less interference
- 4X better network capacity, no traffic jams especially in those dense area with lots of devices
- Network efficiency increase for better user experience

WIFI 6E Advantage
Spectrum congestion is huge problem in current WIFI environment nowadays because too many devices all use existing 2.4GHz and 5GHz spectrum, and it cause unreliable connection and slower speed. WIFI 6E is extended standard to WIFI 6, and it use dedicated 6GHz band that it provides not only brand new frequency to transfer data, but also spacious spectrum for future more devices. With WIFI 6E, users can enjoy faster connection and stronger signal than before.

HDMI 2.1 for 4K / 60P / 21:9 / HDCP 2.3 Support
HDMI 2.1, which is backwards compatible with HDMI 2.0/ 1.4 and offering 48 Gb/s of bandwidth - twice times more than previous generation. This unlocks the potential for users to transfer multiple video streams, as well as a native cinematic 21:9 ratio (which most movies are shot in), Full HDR and HDCP 2.3 support, to offer the best visual experience for viewers.

Realtek High-End HD Audio Codec
ALC1220 120dB(A) SNR HD Audio with Smart Headphone Amp automatically detects impedance of your head-worn audio device, preventing issues such as low volume and distortion. With the new VB series audio controller, stream your voice to the world vibrantly with both front/rear microphone SNR up to 110/114dB(A).

DTS :X® Ultra
Recreates an authentic, spatially accurate 3D audio experience for gaming over any headphones or speakers. Supports channel-based, scene based and object-based audio. Provides out-of-the-box calibration for a range of headphones and speakers. Provides post-processing enhancements and device level tuning for DTS® codecs. DTS Sound Unbound* leverage Microsoft Spatial, enabling the the most believable, 3D audio experience for games. Immersion through DTS Headphone:X means in the sonic landscape, stationary and moving sounds can be heard from above, below or around the listener. Sounds pass around the listener with amazing externalization and accurate localization.

DEFINITIVE AESTHETICS
X570SI AORUS PRO AX features RGB FUSION 2.0 to offer lighting effected options and customized settings with outstanding aesthetics, and able to let enthusiasts building a stylish and unique gaming PC.

Multi-Zone Light Show Design
Now offering more LED customizations than ever, users can truly adapt their PC to represent their lifestyle. With full RGB support and a redesigned RGB Fusion 2.0 application, the user has complete control over the LEDs which surround the motherboard.

RGB Fusion 2.0
With an integrated intuitive user interface, the RGB Fusion 2.0 provides you a better solution for customizing the lighting effects across all supported devices. From motherboards, graphics cards to the peripheral products, you can personalize your gaming rig with your own style and show off your build by sharing the profiles. In addition, the new gaming mode makes the lighting effects interactive with selected games to bring you the most immersive gaming experience.

New User Interface
All new EASY MODE shows important hardware information in one page including CPU clock, Memory, Storage, Fan.

My Favorites
Add constantly used items into the favorite menu for quick access.

Storage Information
Show all kinds of storage information including SATA, PCIE and M.2 interface.

Changelog
List all changes before saving and exiting bios. Quickly review overall settings modification.

Intuitive Load Line Curve
Clearly show each loadline calibration setting in an intuitive curve graph.

EasyTune™
GIGABYTE's EasyTune™ is a simple and easy-to-use interface that allows users to fine-tune their system settings or adjust system and memory clocks and voltages in a Windows environment. With Smart Quick Boost, one click is all it takes to automatically overclock your system, giving an added performance boost when you need it the most.

System Information Viewer
GIGABYTE System Information Viewer is a central location that gives you access to your current system status. Monitor components such as the clocks and processor, set your preferred fan speed profile, create alerts when temperatures get too high or record your system's behavior; these are the possibilities of the System Information Viewer.

ULTRA DURABLE
GIGABYTE is reputable for its product durability and high quality manufacturing process. Needless to say, we use the best components we can find for the GIGABYTE Motherboard and reinforce every slot to make each of them solid and durable.

Update the BIOS easily without installing the CPU, memory and graphics card.
With GIGABYTE Q-Flash Plus, you don't need to install the CPU, memory and graphics card nor enter the BIOS menu to flash the BIOS. Just download and save a new BIOS file (rename to gigabyte.bin) on the USB flash drive, then press the dedicated Q-Flash Plus button and you're good to go!

Industry Leading Ultra Durable™ PCIe Armor
The innovative one piece stainless steel shielding design from GIGABYTE reinforces the PCIe connectors to provide the extra strength required to support heavy graphics cards.

Ultra Durable™ Memory Armor
AORUS' exclusive one piece stainless steel shielding design prevents against PCB distortion/twisting and plate bending, in addition to preventing any possible ESD interference.

Solid Pin Power Connectors

AORUS motherboards feature solid plated ATX 24pin & ATX 12V 8pin power connectors to offer a stable power supply during CPU overloading.

Solid Pin Power connector advantages

- Larger contact area for electricity
- More metal quantity to sustain higher power and generated heat
- Ultra durable and longer lifespan

Specifications:

© 2021 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	MB-GX570SAPi+W
CPU	1. AMD Socket AM4, support for: AMD Ryzen 5000 Series/ Ryzen 5000 G-Series/ AMD Ryzen 4000 G-Series/ AMD Ryzen 3000 Series/ AMD Ryzen 3000 G-Series/ AMD Ryzen 2000 Series/ AMD Ryzen 2000 G-Series Processors
Chipset	1. AMD X570
Memory	1. 2 x DDR4 DIMM sockets supporting up to 64 GB (32 GB single DIMM capacity) of system memory
	2. Dual channel memory architecture
	3. Support for DDR4 5300(O.C.) / 5200(O.C.) / 5100(O.C.) / 4800(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(O.C.) / 2933 / 2667 / 2400 / 2133 MHz memory modules
	4. Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules
	* ECC memory (ECC mode) support varies by CPU
	5. Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules
	6. Support for Extreme Memory Profile (XMP) memory modules
Onboard Graphics	Integrated Graphics Processor:
	1. 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz
	* Support for DisplayPort 1.4 version.
	2. 2 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz
	* Support for HDMI 2.1 version, HDCP 2.3, and HDR.
	Support for up to 3 displays at the same time
	Maximum shared memory of 16 GB

Audio	1. Realtek ALC1220-VB Audio CODEC
	* The back panel line out jack supports DSD audio.
	2. Support for DTS:X Ultra
	3. High Definition Audio
	4. 2/4/5.1/7.1-channel
	* To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver.
LAN	1. Intel 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)
Wireless Communication module	AMD Wi-Fi 6E RZ608 (MT7921K) (For PCB rev. 1.1)
	1. WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands
	2. BLUETOOTH 5.2
	3. Support for 11ax 80MHz wireless standard and up to 1.2 Gbps data rate
	(Actual data rate may vary depending on environment and equipment.)
Expansion Slots	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU:
	1. AMD Ryzen 5000 Series/3000 Series Processors
	support PCIe 4.0 x16 mode
	2. AMD Ryzen 5000 G-Series/4000 G-Series/2000 Series Processors
	support PCIe 3.0 x16 mode
	3. AMD Ryzen 3000 G-Series/2000 G-Series Processors
	support PCIe 3.0 x8 mode
	1 x M.2 Socket 1 connector, integrated in the CPU, for the wireless communication module (M2_WIFI)
Storage Interface	1 x M.2 connector (M2A_SOCKET), integrated in the CPU, supporting Socket 3, M key, type 2280 SSDs:
	1. AMD Ryzen 5000 Series/3000 Series Processors
	support SATA and PCIe 4.0 x4/x2 SSDs
	2. AMD Ryzen 5000 G-Series/4000 G-Series/3000 G-Series/2000 Series/ 2000 G-Series Processors
	support SATA and PCIe 3.0 x4/x2 SSDs
	1 x M.2 connector (M2B_SOCKET), integrated in the Chipset, supporting Socket 3, M key, type 2280 SSDs:
	1. Supporting SATA and PCIe 4.0(Note)/3.0 x4/x2 SSDs
	4 x SATA 6Gb/s connectors, integrated in the Chipset:
	1. Support for RAID 0, RAID 1, and RAID 10
	* Refer to "1-7 Internal Connectors, " for the installation notices for the M.2 and SATA connectors.
	(Note) For AMD Ryzen 5000 Series/3000 Series Processors only.

USB	CPU:
	1. 4 x USB 3.2 Gen 1 ports on the back panel
	Chipset:
	1. 1 x USB Type-C port, with USB 3.2 Gen 2 support on the back panel
	2. 1 x USB Type-C port, with USB 3.2 Gen 1 support available through the internal USB header
	3. 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel
	4. 2 x USB 3.2 Gen 1 ports available through the internal USB header
	5. 2 x USB 2.0/1.1 ports available through the internal USB header
Internal I/O Connectors	1. 1 x 24-pin ATX main power connector
	2. 1 x 8-pin ATX 12V power connector
	3. 1 x CPU fan header
	4. 2 x system fan headers
	5. 1 x addressable LED strip header
	6. 1 x RGB LED strip header
	7. 4 x SATA 6Gb/s connectors
	8. 2 x M.2 Socket 3 connectors
	9. 1 x front panel header
	10. 1 x front panel audio header
	11. 1 x speaker header
	12. 1 x USB Type-C header, with USB 3.2 Gen 1 support
	13. 1 x USB 3.2 Gen 1 header
	14. 1 x USB 2.0/1.1 header
	15. 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)
	16. 1 x Clear CMOS jumper
	&#-246;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	1. 1 x DisplayPort
	2. 2 x HDMI ports
	3. 1 x USB 3.2 Gen 2 Type-A port (red)
	4. 4 x USB 3.2 Gen 1 ports
	5. 1 x USB Type-C port, with USB 3.2 Gen 2 support
	6. 1 x Q-Flash Plus button
	7. 1 x RJ-45 port
	8. 2 x SMA antenna connectors (2T2R)
	9. 3 x audio jacks
I/O Controller	1. iTE I/O Controller Chip

H/W Monitoring	1. Voltage detection
	2. Temperature detection
	3. Fan speed detection
	4. Water cooling flow rate detection
	5. Fan fail warning
	6. Fan speed control
	* Whether the fan speed control function is supported will depend on the cooler you install.
BIOS	1. 1 x 256 Mbit flash
	2. Use of licensed AMI UEFI BIOS
	3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Unique Features	1. 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
	Game Boost
	ON/OFF Charge
	RGB Fusion
	Smart Backup
	System Information Viewer
	2. Support for Q-Flash Plus
	3. Support for Q-Flash
	4. Support for Xpress Install
Bundled Software	1. Norton Internet Security (OEM version)
	2. cFosSpeed
Operating System	1. Support for Windows 10 64-bit
Form Factor	1. Mini-ITX Form Factor; 17.0cm x 17.0cm

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/MB-GX570SAPi-W-Gigabyte-X570Si-Aorus-Pro-ITX-AMD-X570-Chipset-AMD-Ryzen-AM4-Socket-p-261080.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

ComX Computers

Product Specification Sheet

PDF generated: 2026-11-14 04:12:05.

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.