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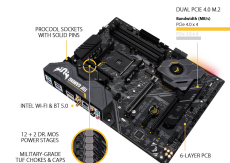# ASUS TUF GAMING X570-PLUS (Wi-Fi) AM4 ATX Motherboard TUF GAMING X570-PLUS (WI-FI)
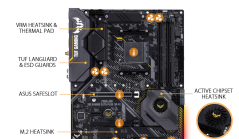
$189.95

Product Images

Full Gaming Connectivity
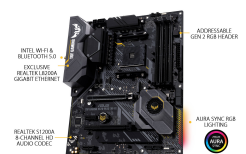
PS/2

4 X USB 3.2 GEN 1

DISPLAY PORT

INTEL WI-FI & BLUETOOTH 5.0

GIGABIT LAN

AUDIO JACKS

HDMI 1.4B

4 X USB 3.2 GEN 2 TYPE-C

2 X USB 3.2 GEN 2

1 X OPTICAL S/PDIF OUT

What's in the Box

REAR I/O PANEL SHIELD

TUF CERTIFICATION

MANUAL

SUPPORT DVD

2 X SATA CABLES

M.2 SCREW PACKAGE

TUF GAMING X570-PLUS (WI-FI)

WI-FI ANTENNA

TUF GAMING STICKER
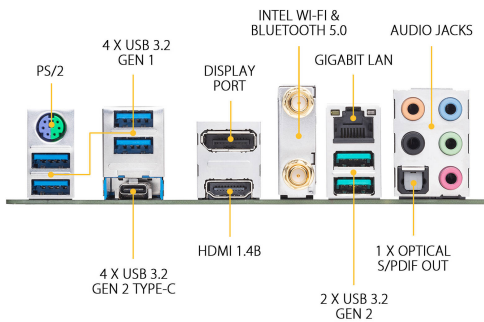
Short Description

The ASUS TUF GAMING X570-PLUS (Wi-Fi) AM4 ATX Motherboard is built on the AMD X570 chipset supporting second- and third-generation AMD Ryzen processors with an AM4 socket. It has four memory slots for up to 128GB of dual-channel DDR4 RAM, which can run up to 4400 MHz when overclocked. For storage, it's equipped with eight SATA III ports and two 22110 M.2 slots.

Description

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DURABLE. STABLE. RELIABLE.

TUF Gaming X570-Plus (Wi-Fi) distills the essential elements of the latest AMD platform and combines them with game-ready features and proven durability. Engineered with military-grade components, upgraded power solutions and a comprehensive set of cooling options, these motherboards deliver rock-solid performance with unwavering gaming stability.

Asus AM4 TUF Gaming X570-Plus (Wi-Fi) AM4 Zen 3 Ryzen 5000 & 3rd Gen Ryzen ATX Motherboard With PCIe 4.0, Dual M.2, 12+2 With Dr. MOS power stage, USB 3.2 Gen 2 And Aura Sync RGB lighting

Power Design

The TUF Gaming X570-Plus (Wi-Fi)'s CPU VRM utilizes 12+2 Dr. MOS power stages that combine high-side and low-side MOSFETs and drivers into a single package, delivering the power and efficiency that AMD's latest processors demand.
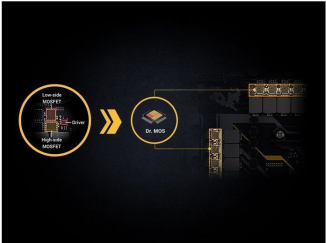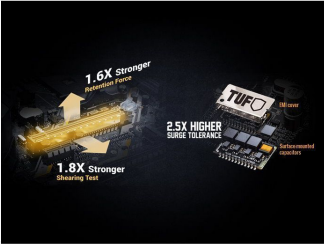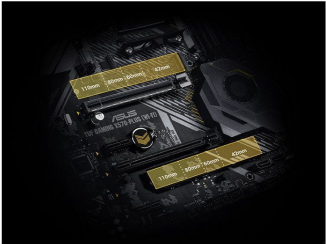

Cooler by design

Comprehensive Cooling: Active PCH heatsink, VRM heatsink, M.2 heatsink, hybrid fan headers and Fan Xpert 4

DUAL PCIE 4.0 M.2

Dual PCIe 4.0 M.2 slots support up to type 22110 and provide NVMe SSD RAID support for an incredible performance boost.
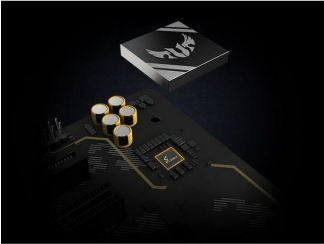

TUF Protection

Asus Safeslot & TUF LANGuard provide military-grade protection for your PCIe slot and LAN

Gaming Networking

Exclusive Gigabit Ethernet , Intel Wireless AC-9260 Wi-Fi 5(802.11ac) with 2x2 MU-MIMO and wide 160MHz channels
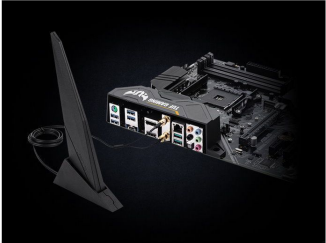
Gaming Audio

TUF Gaming X570 series motherboards utilize a unique audio codec designed in close collaboration with Realtek — the Realtek S1200A. It also features an unprecedented 108dB signal-to-noise ratio for the stereo line-out and a 103dB SNR for the line-in, providing pristine audio quality. Meantime it has exclusive DTS Custom onboard audio.

Features

Key Features
- ATX Form Factor
- AMD X570 Chipset
- Socket AM4
- 4 x Dual-Channel DDR4-4400 (OC)
- 8 x SATA III, 2 x M.2
- 2 x PCIe 4.0 x16, 2 x PCIe 4.0 x1
- Realtek ALC S1200A 8-Channel HD Audio
- Intel AC 9260 Wi-Fi 5 (802.11ac), BT 5.0
- Realtek L8200A Gigabit LAN
- ASUS Aura Sync Lighting

AMD X570 Chipset

The AMD X570 chipset is designed around 3rd generation AMD Ryzen 3000-series processors. Along with multiple improvements, its most noteworthy one is the addition of PCIe 4.0. PCIe 4.0 has roughly double the bandwidth of PCIe 3.0, which is beneficial for graphics cards, networking devices, NVMe drives, and more.

Power Design

- ProCool Power Connector - Enhanced 8+4-pin power connectors with improved endurance and functionality.
- Power Stages with DrMOS Design - Combines high- and low-side MOSFETs and drivers into a single package.
- TUF Chokes & Capacitors - Delivers steady power to the CPU with increased temperature tolerance and lifespan.
- 6-Layer PCB Design - Multiple PCB layers shift heat away from critical components across the board.

Cooling

Equipped with multiple 4-pin PWM/DC fan headers, this motherboard has plenty of cooling potential to keep your system in check. It also has an active chipset heatsink solution and a M.2 heatsink to keep things cool and prevent throttling.

Storage & Memory

- Dual PCIe 4.0 M.2 Slots - Both PCIe 4.0 M.2 slots support up to 22110 SSDs with NVMe RAID support for enhanced performance.
- ASUS OptiMem - An optimal memory trace layout, enabling higher memory frequencies and lower latency.

TUF Protection

- SafeSlot - Metal-reinforced PCIe slots increase retention and shearing resistance for additional durability.
- ESD Guards - Prolongs the life of components and protects against electrostatic discharge.

- TUF Languard - Improved surge tolerance for protection against lightning strikes and static electricity.
- DRAM Overvoltage Protection - Onboard resettable fuses prevent overcurrent and short-circuit damage.

Gaming Audio

- TUF Gaming Audio Cover - Shielding preserves audio signal integrity.
- Realtek S1200A Codec - Delivers an expansive soundstage featuring a 108 dB signal-to-noise ratio for the stereo line-out and a 103 dB SNR for the line-in.
- DTS Custom - Offers three listening presets for different games and positional cues via stereo headphones.

ASUS Aura Sync

This motherboard is equipped with RGB LED lighting as well as addressable RGB headers, so users can connect and sync additional RGB products.

Specifications

ASUS Gaming X570-Plus Specs

CPU

Chipset	AMD X570
CPU Socket	AM4

Back Panel I/O

USB	4 x USB 3.1 / USB 3.2 Gen 1 Type-A 2 x USB 3.1 / USB 3.2 Gen 2 Type-A 1 x USB 3.1 / USB 3.2 Gen 2 Type-C
Thunderbolt	*None*
Display	1 x DisplayPort 1 x HDMI 1.4b
Audio	5 x 3.5 mm 1 x S/PDIF
Ethernet / Controller	1 x Realtek L8200A Gigabit
PS/2	1 x PS/2

Memory

Memory Slots	4 x 288-Pin
Memory Support	DDR4 2133, 2400, 2666, 2800, 2933, 3000, 3200, 3400, 3466, 4400 MHz

Maximum Capacity	128 GB
Channel Architecture	Dual Channel

Storage Expansion

SATA	8 x SATA III
M.2	2 x M Key 2242, 2260, 2280, 22110 (PCIe 4.0 x4, SATA III)
U.2	*None*
RAID Support	RAID 0, 1, 10

Internal I/O

Expansion Slots	1 x PCIe 4.0 x16 (x16 mode) 1 x PCIe 4.0 x16 (x4 mode) 2 x PCIe 4.0 x1
USB	2 x USB 2.0 Header (Supports 4 USB Type-A Port) 1 x USB 3.1 / USB 3.2 Gen 1 Header (Supports 2 USB Type-A Port)
Multi-GPU Support	2-Way AMD CrossFireX
Air Cooling	1 x 4-Pin CPU 1 x 4-Pin Assistant 3 x 4-Pin System
Liquid Cooling	1 x 4-Pin Pump
Power Connectors	1 x 24-Pin Mainboard 1 x 8-Pin CPU 1 x 4-Pin CPU
Security	TPM Module
LED Header	3 x RGB
Audio	*None*
Diagnostics	Clear CMOS
Legacy	1 x Serial

BIOS

ROM	256 Mb

Front Panel I/O

I/O Connection Headers	AAFP

Audio

Audio Codec	Realtek ALC S1200A (8-Channel)

Wireless

Bluetooth	5.0

Wi-Fi   Wi-Fi 5 (802.11ac) (MU-MIMO)

Module Support   1 E Key M.2

Software

Supported Operating Systems   Windows 10 (64-Bit)

Physical

Form Factor   ATX

Dimensions   9.6 x 12" / 243.84 x 304.80 mm

Packaging Info

Package Weight   3.4 lb

Box Dimensions (LxWxH)   13.7 x 10.12 x 2.1"

Additional Information

Brand	ASUS
SKU	TUF GAMING X570-PLUS (WI-FI)
Weight	5.0000
Processor Manufacturer	AMD
Chipset	X570