ASUS

ASUS TUF Gaming X570-Plus AMD X570 Socket AM4 ATX
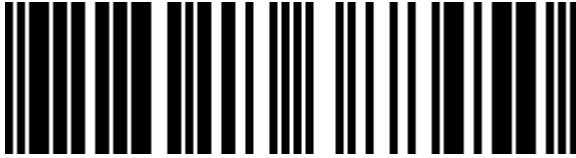
Brand : ASUS

Product name : TUF Gaming X570-Plus

Product code: 90MB1180-M0EAY0

- AMD AM4 Socket: Ready for 2nd and 3rd Gen AMD Ryzen™ processors
- Enhanced Power Solution: 12+2 Dr. MOS power stages, 6-layer PCB, ProCool sockets, military-grade TUF components, and Digi+ VRM for maximum durability
- Comprehensive Cooling: Active chipset heatsink, VRM heatsink, M.2 heatsink, hybrid fan headers and Fan Xpert 4
- Next-Gen Connectivity: Dual PCIe 4.0 M.2, USB 3.2 Gen 2 ports, exclusive Realtek® L8200A Gigabit Ethernet, TUF LANGuard and TurboLAN technology
- Realtek S1200A Codec: Pristine audio quality with unprecedented 108dB signal-to-noise ratio for stereo line-out and 103dB SNR for line-in
- Aura Sync RGB: Synchronize LED lighting with a vast portfolio of compatible PC gear, including addressable RGB strips
- TUF Gaming Alliance: ASUS hardware ecosystem ensures the best compatibility and complementary aesthetics from components to case
TUF Gaming X570-Plus, AMD X570, AM4, 4x DIMM DDR4, PCIe 4.0 x16, M.2, SATA III, USB 3.2, S/PDIF, HDMI, DP, PS/2, ATX, 305x244 mm

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9
Maximum number of SMP processors	1

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive interfaces *	SATA III
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	CrossFireX
Maximum resolution	4096 x 2160 pixels

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	8
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4b
DisplayPorts quantity	1
S/PDIF out port	✓
Digital audio optical out	1

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek L8200A
Wi-Fi *	✗

Features

Motherboard chipset *	AMD X570
Audio chip	Realtek ALC S1200A
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 10 x64

Expansion slots

Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	6.2
Clear CMOS jumper	✓

Internal I/O

Number of EATX power connectors	1
CPU fan connector	✓
Number of chassis fan connectors	3
Number of COM connectors	1
TPM connector	✓
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2

BIOS

System Management BIOS (SMBIOS) version	3.2

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	305 mm
Depth	244 mm
Height	68 mm

Packaging content

Cables included	SATA
Drivers included	✓

Other features

Weight	900 g
Quick installation guide	✓

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