ASUS

ASUS TUF Gaming B550-PLUS AMD B550 Socket AM4 ATX

Brand : ASUS

Product name : TUF Gaming B550-PLUS

Product code: 90MB14G0-M0EAY0

- AMD AM4 socket: Ready for 3rd Gen AMD Ryzen™ Processors
- Enhanced power solution: 8+2 DrMOS power stages, ProCool connector, military-grade TUF components, and Digi+ VRM for maximum durability
- Comprehensive cooling: VRM heatsinks, PCH fanless heatsink, M.2 heatsink, hybrid fan headers and Fan Xpert 2+ utility
- Next-gen connectivity: PCIe 4.0 M.2, USB 3.2 Gen 2 Type-A and Type-C support
- AI noise-cancelling microphone: Provides crystal-clear in-game voice communication
AMD B550 (Ryzen AM4), ATX, PCIe 4.0, dual M.2, 10, 2.5 Gb Ethernet, HDMI, DisplayPort, SATA 6 Gbps, USB 3.2 Gen 2 Type-A, Type-C

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series
Maximum number of SMP processors	1
Supported processor sockets	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4600 MHz
Maximum internal memory *	128 GB

Storage controllers

Supported storage drive interfaces *	M.2, SATA
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	2-Way CrossFireX

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	6
Number of SATA connectors	4
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	3

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
DisplayPorts quantity	1
S/PDIF out port	✔

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Realtek RTL8125B
Wi-Fi *	✘

Features

Motherboard chipset *	AMD B550
Audio chip	Realtek ALC S1200A
Audio output channels *	7.1 channels
Component for *	Nettop
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	3
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

Internal I/O

EPS power connector (8-pin)	✔
TPM connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
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 *	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS jumper	✔

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	945 g

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