

ASUS PRIME B550-PLUS - motherboard - ATX - Socket AM4 - AMD B550



16-05-2024

SKU	90MB14U0-M0EAY0
Product Description:	ASUS PRIME B550-PLUS - motherboard - ATX - Socket AM4 - AMD B550
Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports 3rd Generation Ryzen)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4, non-ECC, ECC, unbuffered

General

Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports 3rd Generation Ryzen)

Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 2933 MHz, 3466 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4400 MHz (O.C.), 3200 MHz
Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture

Audio

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Included Accessories:	1 x M.2 screw, I/O back cover
Cables Included:	2 x Serial ATA cable
Software Included:	Drivers & Utilities, ASUS CPU-Z, ASUS AI Suite III, ASUS EZ Update, DAEMON Tools, WinRAR, Norton AntiVirus (60 days trial)
Width:	30.5 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Audio

Type:	HD Audio (8-channel)
Audio Codec:	Realtek ALC887
Compliant Standards:	High Definition Audio

LAN

Network Controller:	Realtek RTL8111H
Network Interfaces:	Gigabit Ethernet

Features

Hardware Features:

Jack retasking, ASUS Q-Design, ESD Guards, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), ASUS DIGI+ VRM, AMD CrossFireX technology support, ASUS Enhanced DRAM Overcurrent Protection, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, LANGuard, ASUS Overvoltage Protection, ASUS Fan Xpert 4, ASUS 5X Protection III, ASUS SafeSlot Core, ASUS Aura Sync, Armoury Crate

Expansion / Connectivity

Expansion Slots:	1 x CPU 4 x DIMM 288-pin 1 x PCIe 4.0 x16 1 x PCIe 3.0 x16 (x4 mode) 3 x PCIe 3.0 x1
Storage Interfaces:	SATA-600 -connectors: 6 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 SATA-600 / PCIe 4.0 -connectors: 1 x M.2 SATA-600 / PCIe 3.0 -connectors: 1 x M.2
Interfaces:	1 x LAN (Gigabit Ethernet) 4 x USB 3.2 Gen 1 1 x audio line-in - mini-jack 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x USB-C Gen2 1 x USB 3.2 Gen 2 1 x TOSLINK 1 x audio line-out (center/subwoofer) - mini-jack 1 x audio line-out (rear) - mini-jack 2 x USB 2.0 1 x DisplayPort 1 x HDMI
Internal Interfaces:	4 x USB 2.0 - header 2 x USB 3.2 Gen 1 - header 1 x Thunderbolt - header 1 x audio - header 1 x serial - header
Power Connectors:	24-pin main power connector, 8-pin ATX12V connector

