

ASUS ROG STRIX B550-XE GAMING WIFI - motherboard - ATX - Socket AM4 - AMD B550



10-05-2024

SKU	90MB17B0-M0EAY0
Product Description:	ASUS ROG STRIX B550-XE GAMING WIFI - motherboard - ATX - Socket AM4 - AMD B550
Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports Ryzen 3000 Series/ 4000 G-Series/ 5000 Series)
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 Ryzen 3000 Series/ 4000 G-Series/ 5000 Series)

Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 3466 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4133 MHz (O.C.), 4400 MHz (O.C.), 4266 MHz (O.C.), 4600 MHz (O.C.), 4800 MHz (O.C.), 3200 MHz, 5100 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered

Miscellaneous

Included Accessories:	Cable ties, ROG fan stickers, ROG thank you card, RGB Addressable LED extension cable, ROG key chain, ASUS Wi-Fi moving aerial, 5 x M.2 screws, 3 x M.2 rubber package, Hyper M.2 x16 Gen 4 card
Cables Included:	4 x Serial ATA cable 1 x USB-C audio cable
Software Included:	Drivers & Utilities, ROG CPU-Z, ASUS AI Suite III, ASUS EZ Update, Overwolf, ASUS EZ Flash 3, Antivirus, WinRAR, ASUS ROG RAMCache III, Sonic Studio Virtual Mixer, ROG GameFirst VI

Width:	30.5 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	BIOS FlashBack, UEFI BIOS
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Supported RAM

Features: Dual channel memory architecture

Audio

Type: HD Audio (8-channel)
Audio Codec: SupremeFX (S1220A)
Compliant Standards: High Definition Audio, DTS Sound Unbound

LAN

Network Controller: Intel I255-V / Intel AX200
Network Interfaces: 2.5 Gigabit Ethernet, 802.11a/b/g/n/ac/ax, Bluetooth 5.1

Features

Jack retasking, ASUS Q-Design, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), NVIDIA 2-way SLI Technology Support, ASUS DIGI+ VRM, SupremeFX Shielding technology, AMD 3-way CrossFireX technology support, Preboot eXecution Environment (PXE), LANGuard, ASUS Fan Xpert 4, ASUS SafeSlot, Sonic Radar III, Sonic Studio III, ASUS ProCool, pre-mounted I/O shield, ASUS Aura Sync, ASUS OptiMem II, Armoury Crate, GameFirst VI, 14+2 Phase Power Design

Expansion / Connectivity

Expansion Slots: 1 x CPU ; 4 x DIMM 288-pin ; 2 x PCIe 4.0 x16 (dual x8 mode; single card: x16 mode) ; 1 x PCIe 3.0 x16 (x4 mode) ; 2 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 (2.5Gigabit Ethernet) ; 1 x audio line-in - mini-jack ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x USB-C Gen2 ; 2 x USB 3.2 Gen 2 ; 1 x USB-C ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x audio line-out (rear) - mini-jack ; 4 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 USB-C Gen2 - header ; 1 x audio - header ; 1 x Thunderbolt - header

Power Connectors: 4-pin ATX12V connector, 24-pin main power connector, 8-pin ATX12V connector

