

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



26-09-2024

SKU	90MB19V0-M0EAY0
Product Description:	ASUS ROG STRIX B550-F GAMING WIFI II - 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/ 5000 G-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/ 5000 G-Series)

Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 3400 MHz (O.C.), 3466 MHz (O.C.), 3733 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, 4666 MHz (O.C.), 4866 MHz (O.C.), 5100 MHz (O.C.)

Miscellaneous

Included Accessories:	External antenna, cable ties, 1 x M.2 screw, ROG fan stickers, ROG thank you card, RGB Addressable LED extension cable, rubber pad, ROG key chain
Cables Included:	4 x Serial ATA cable
Software Included:	ROG CPU-Z, ASUS AI Suite III, ASUS EZ Update, Overwolf, ASUS EZ Flash 3, DAEMON Tools, Antivirus, WinRAR, ASUS ROG RAMCache III, Sonic Studio Virtual Mixer, Norton AntiVirus (Trial), AIDA64 Extreme (60 days trial)
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

Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered
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
Network Interfaces:	2.5 Gigabit Ethernet, 802.11a/b/g/n/ac/ax, Bluetooth 5.2

Features

Hardware Features:	Jack retasking, ASUS Q-Design, 12+2 Phase Power Design, 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, SupremeFX Shielding technology, Preboot eXecution Environment (PXE), ASUS Fan Xpert 4, ASUS SafeSlot, Sonic Radar III, Sonic Studio III, M.2 heatsink, ASUS ProCool, pre-mounted I/O shield, ASUS Aura Sync, GameFirst VI
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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 3.0 -connectors: 2 x M.2
Interfaces:	1 x LAN (2.5Gigabit 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
Power Connectors:	4-pin ATX12V connector, 24-pin main power connector, 8-pin ATX12V connector

