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

Brand : ASUS

Product code: 90MB19V0-M0EAY0

Product name : ROG STRIX B550-F GAMING WIFI II

AMD B550 Ryzen AM4 Gaming ATX motherboard with PCIe® 4.0, 12+2 teamed power stages, Intel® 2.5 Gb Ethernet, WiFi 6E, Two-Way AI Noise Cancelation, dual M.2 slots with heatsinks, SATA 6 Gbps, USB 3.2 Gen 2 and Aura Sync RGB lighting
ASUS ROG STRIX B550-F GAMING WIFI II. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: 3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Intel I225-V, Top Wi-Fi standard: Wi-Fi 6 (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9
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
ECC	✓
ECC compatibility	ECC
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3466,3600,3866,4000,4133,4400,4600 MHz
Maximum internal memory *	128 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	6
RAID support	✓
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✗

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	6
Number of EATX power connectors	1
CPU fan connector	✓
Number of chassis fan connectors	3
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-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
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	1
Microphone in	✓
S/PDIF out port	✓

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Intel I225-V
Wake-on-LAN ready	✓
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth	✓
Bluetooth version	5.2

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Cooling type	Active
Power source type	ATX
Windows operating systems supported	Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 IoT Enterprise, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64

Internal I/O	
Thunderbolt headers	1
12V power connector	✓
RGB LED pin header	✓

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

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

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

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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