

ASUS TUF GAMING B850-E WIFI



Artikel
Herstellernummer
EAN
ASUS

21246874
90MB1L20-M0EAY0
4711387987544

TUF GAMING B850-E WIFI

ASUS TUF GAMING B850-E WIFI takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.

Zusammenfassung

TUF GAMING B850-E WIFI

ASUS TUF GAMING B850-E WIFI takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.

ASUS TUF GAMING B850-E WIFI, AMD, Socket AM5, AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series, DDR5-SDRAM, 256 GB, DIMM

ASUS TUF GAMING B850-E WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. USB connector type: USB Type-A, USB Type-C. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax)

Merkmale

Other features

Weight 1.21 kg

Expansion slots

PCI Express x1 (Gen 4.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	3
1st M.2 largest key size	22110
1st M.2 highest PCI Express	5.0

Packaging content

Antenna included	Yes
------------------	-----

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit

Graphics

Parallel processing technology support	Not supported
On-board graphics card	No

Processor

Processor manufacturer	AMD
Processor socket	Socket AM5
Compatible processor series	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series

Weight & dimensions

Width	305 mm
Depth	244 mm
Height	48 mm

Packaging data

Package width	353 mm
Package depth	273 mm
Package height	68 mm
Package weight	1.78 kg

generation

Network

Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi	Yes
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Bluetooth	Yes
Bluetooth version	5.3

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	7
RAID support	Yes
RAID levels	0, 1, 5, 10

Features

Motherboard chipset	AMD B850
Audio output channels	7.1 channels
Product colour	Multicolour
Component for	PC
Motherboard form factor	ATX
Motherboard chipset family	AMD
Cooling type	Passive
Windows operating systems supported	Windows 10 x64, Windows 11

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speed (max)	8000 MHz
Maximum internal memory	256 GB
Unbuffered memory	Yes

Rear panel I/O ports

USB 2.0 ports quantity	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-3 A ports quantity	
USB 3.2 Gen 2 (3.1 Gen 2) Type-1 A ports quantity	
USB 3.2 Gen 2 (3.1 Gen 2) Type-1 C ports quantity	
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
DisplayPorts quantity	1
Line-in	Yes

Microphone in	Yes
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
USB 3.2 Gen 2x2 connectors	1
Number of SATA III connectors	4
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of CPU fan connectors	1
Number of chassis fan connectors	4
Chassis intrusion connector	Yes
EPS power connector (8-pin)	Yes
Number of COM connectors	1
12V power connector	Yes
Number of water pump connectors	1
RGB LED pin header	Yes
Number of RGB LED pin headers	3

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.