

GIGABYTE B650M GAMING WIFI6E Motherboard - AMD Ryzen 9000 Series CPUs, 5+2+2 Phases VRM, up to 6400MHz DDR5 (OC), 1xPCIe 4.0 M.2, 2.5 GbE LAN, WIFI 6E, USB 3.2 Gen 1

Brand : GIGABYTE

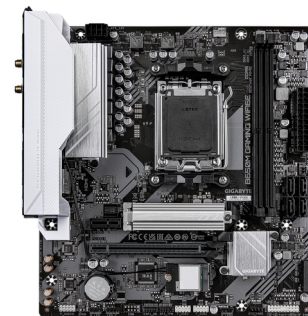
Product code: B650M GAMING WIFI6E

Product name : B650M GAMING WIFI6E Motherboard - AMD Ryzen 9000 Series CPUs, 5+2+2 Phases VRM, up to 6400MHz DDR5 (OC), 1xPCIe 4.0 M.2, 2.5 GbE LAN, WIFI 6E, USB 3.2 Gen 1

B650M GAMING WIFI6E Motherboard - AMD Ryzen 9000 Series CPUs, 5+2+2 Phases VRM, up to 6400MHz DDR5 (OC), 1xPCIe 4.0 M.2, 2.5 GbE LAN, WIFI 6E, USB 3.2 Gen 1

[GIGABYTE B650M GAMING WIFI6E Motherboard - AMD Ryzen 9000 Series CPUs, 5+2+2 Phases VRM, up to 6400MHz DDR5 \(OC\), 1xPCIe 4.0 M.2, 2.5 GbE LAN, WIFI 6E, USB 3.2 Gen 1:](#)

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge



Processor		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Wi-Fi *	✓
Supported processor sockets	Socket AM5	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory		Wi-Fi standards	Wi-Fi 6E (802.11ax)
		WLAN controller model	Realtek RTL8852CE
		Bluetooth	✓
		Bluetooth version	5.3
		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	AMD B650
Number of memory slots *	2	Audio output channels *	7.1 channels
Memory slots type	DIMM	PC health monitoring	Fan, Temperature, Voltage
Memory channels	Dual-channel	Component for *	PC
ECC compatibility	Non-ECC	Motherboard form factor *	micro ATX
Supported memory clock speeds	6400,6200,6000,5600,5200,4800,4400 MHz	Motherboard chipset family *	AMD
Supported memory clock speed (max)	6400 MHz	Power source type	ATX
Maximum internal memory *	128 GB	Windows operating systems supported	Windows 10 x64, Windows 11
Unbuffered memory	✓	Expansion slots	
Maximum internal memory per slot	64 GB	PCI Express x1 (Gen 3.x) slots	1
Storage controllers		PCI Express x16 (Gen 4.x) slots	1
Supported storage drive types	HDD & SSD	Number of M.2 (M) slots	1
Supported storage drive interfaces *	M.2, SATA III	1st M.2 largest key size	2580
Number of HDDs supported	4	1st M.2 highest PCI Express generation	4.0
Number of storage drives supported	5	BIOS	
RAID support	✓	BIOS type *	UEFI AMI
RAID levels	0, 1, 10	BIOS memory size	256 Mbit
Graphics			
Parallel processing technology support *	Not supported		

Graphics		BIOS	
Maximum resolution	4096 x 2160 pixels	ACPI version	5.0
HDCP	✓	Clear CMOS jumper	✓
Internal I/O		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Logistics data	
Number of SATA III connectors *	4	Country of origin	China
Front panel audio connector	✓	Products per shipping (inner) case	1 pc(s)
Front panel connector	✓	Battery	
ATX Power connector (24-pin)	✓	Battery weight	3 g
CPU fan connector	✓	Lithium weight per battery	0.07 g
Number of CPU fan connectors	1	Number of battery cells	1
Number of chassis fan connectors	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
EPS power connector (8-pin)	✓	Battery type	CR2032
Number of EPS power connectors (8-pin)	1	Packaging data	
TPM connector	✓	Package width	270 mm
RGB LED pin header	✓	Package depth	268 mm
Number of RGB LED pin headers	3	Package height	68 mm
Rear panel I/O ports		Package weight	1.21 kg
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width	240 mm
Ethernet LAN (RJ-45) ports *	1	Depth	225 mm
PS/2 ports quantity	1	Height	35 mm
VGA (D-Sub) ports quantity *	1	Packaging content	
HDMI ports quantity *	1	Batteries included	✓
HDMI version	2.1	Antenna included	✓
Headphone outputs	1	Screws included	✓
Line-in	✓	Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Microphone in	✓	Other features	
WiFi-AP antenna jack	2	Weight	720 g
		Technical details	
		Warranty period	3 year(s)



4719331867942

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.