

GIGABYTE B650M GAMING PLUS WIFI Motherboard - AMD Ryzen 9000 CPUs, 5+2+2 Phases VRM, up to 8000MHz DDR5, 2xPCIe 4.0 M.2, 2.5GbE LAN, WIFI 6E, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: B650M GAMING PLUS WF

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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	LAN controller	Realtek RTL8125
		Wi-Fi *	✓
Supported processor sockets	Socket AM5	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
			802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Memory		Wi-Fi standards	
Supported memory types *	DDR5-SDRAM	WLAN controller model	Realtek RTL8852CE
Number of memory slots *	4	Bluetooth	✓
Memory slots type	DIMM	Bluetooth version	5.3
Memory channels	Dual-channel	Features	
ECC compatibility	Non-ECC	Motherboard chipset *	AMD B650
Supported memory clock speeds	8000,7800,7600,7200,7000,6800,6600,6400,6200,6000,5600,5200,4800 MHz	Audio chip	Realtek ALC897
Supported memory clock speed (max)	8000 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	256 GB	Product colour	Dark brown
Unbuffered memory	✓	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory per slot	64 GB	Component for *	PC
Storage controllers		Motherboard form factor *	micro ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	AMD
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Cooling type	Passive
Number of HDDs supported	4	Power source type	ATX
Number of storage drives supported	6	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID support	✓	Expansion slots	
RAID levels	0, 1, 10	PCI Express x1 (Gen 3.x) slots	1
Graphics		PCI Express x16 (Gen 4.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	2
Maximum resolution	4096 x 2160 pixels	1st M.2 largest key size	2580
HDCP	✓	1st M.2 highest PCI Express generation	4.0
DirectX version	12.0	2nd M.2 largest key size	22110
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	2nd M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	ACPI version	5.0
Number of CPU fan connectors	1	Clear CMOS jumper	✓
Number of chassis fan connectors	2	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EPS power connectors (8-pin)	1	Logistics data	
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Number of RGB LED pin headers	3	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
PS/2 ports quantity	1	Package width	270 mm
HDMI ports quantity *	1	Package depth	268 mm
HDMI version	2.1	Package height	68 mm
DisplayPorts quantity	2	Package weight	1.53 kg
DisplayPort version	1.4	Weight & dimensions	
Headphone outputs	1	Width	244 mm
Line-in	✓	Depth	244 mm
Microphone in	✓	Height	35 mm
WiFi-AP antenna jack	2	Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.44 kg
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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