

GIGABYTE B760M AORUS ELITE WIFI6E GEN5 Motherboard - Supports 14th Gen. Intel Core CPUs, 12+1+1 phases VRM, up to 5600MHz DDR5, 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5 GbE LAN, USB 3.2 Gen 2x2



Brand : GIGABYTE

Product code: B760M A E WF6E
GEN5**Product name :** B760M AORUS ELITE WIFI6E GEN5

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Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	S/PDIF out port	✓
Processor socket *	LGA 1700	Digital audio optical out	1
Compatible processor series *	Intel® Celeron®, Intel Core i3 12th Gen, Intel Core i3 13th Gen, Intel Core i3 14th Gen, Intel Core i5 12th Gen, Intel Core i5 13th Gen, Intel Core i5 14th Gen, Intel Core i7 12th Gen, Intel Core i7 13th Gen, Intel Core i7 14th Gen, Intel Core i9 12th Gen, Intel Core i9 13th Gen, Intel Core i9 14th Gen, Intel® Pentium®	WiFi-AP antenna jack	2
Supported processor sockets		Network	
Supported processor sockets	LGA 1700	Ethernet LAN	✓
Memory		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	LAN controller	Realtek RTL8125
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	Wi-Fi standards	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)
ECC compatibility	ECC & Non-ECC	WLAN controller model	Intel Wi-Fi 6E AX210
Supported memory clock speeds	4400,4800,5200,5600 MHz	Bluetooth	✓
Supported memory clock speed (max)	5600 MHz	Bluetooth version	5.3
Maximum internal memory *	256 GB	Features	
Unbuffered memory	✓	Motherboard chipset *	Intel B760
Maximum internal memory per slot	64 GB	Audio chip	Realtek ALC1220-VB
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	Black
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	6	Motherboard form factor *	micro ATX
RAID support	✓	Motherboard chipset family *	Intel
RAID levels	0, 1, 5, 10	Cooling type	Passive
		Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Expansion slots			
		PCI Express x16 (Gen 4.x) slots	1

Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 5.x) slots	1
Maximum resolution	4096 x 2304 pixels	Number of M.2 (M) slots	2
HDCP	✓	1st M.2 largest key size	2280
DirectX version	12.0	1st M.2 highest PCI Express generation	4.0
Internal I/O		2nd M.2 largest key size	
USB 2.0 connectors *	2	2nd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of CPU fan connectors	1	Logistics data	
Number of chassis fan connectors	3	Country of origin	China
Peripheral (Molex) power connectors (4-pin)	1	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	Battery	
Number of EPS power connectors (8-pin)	1	Battery weight	3 g
TPM connector	✓	Lithium weight per battery	0.07 g
Thunderbolt headers	2	Number of battery cells	1
12V power connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO ₂)
RGB LED pin header	✓	Battery type	CR2032
Number of RGB LED pin headers	4	Packaging data	
Rear panel I/O ports		Package width	270 mm
USB 2.0 ports quantity *	4	Package depth	268 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package height	68 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package weight	1.75 kg
USB 3.2 Gen 2x2 Type-C ports quantity	1	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	244 mm
HDMI ports quantity *	1	Depth	244 mm
HDMI version	2.1	Height	35 mm
DisplayPorts quantity	1	Packaging content	
DisplayPort version	1.2	Batteries included	✓
Headphone outputs	1	Antenna included	✓
Line-in	✓	Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Other features		Technical details	
		Weight	1.33 kg
		Warranty period	3 year(s)



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