GIGABYTE

GIGABYTE B860M EAGLE PLUS WIFI6E Intel B860 LGA 1851 (Socket V1) micro ATX

Brand : GIGABYTE

Product code: B860M EAGLE P WIFI6E

Product name : B860M EAGLE PLUS WIFI6E

LGA1851, 4 x DDR5, 256 GB, 9066 MT/s, 1 x HDM, 2 x DisplayPort, 2.5GbE, Wi-Fi 6E, Micro ATX

GIGABYTE B860M EAGLE PLUS WIFI6E Intel B860 LGA 1851 (Socket V1) micro ATX:

Infinite Memory Performance
D5 Bionic Corsa Technology.

D5 Bionic Corsa
Advanced AI-enhanced overclocking tech. for DDR5.

Steady Power
Keeps your computing smooth.

D5 Bionic Corsa
Advanced AI-enhanced overclocking tech. for DDR5.

Comprehensive Thermal
Keep your system cool and efficient.
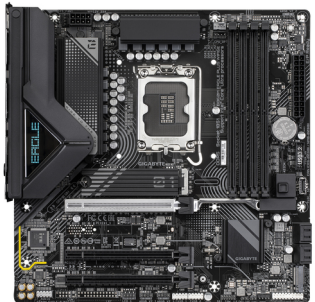
Hassle-free Assembly
Ultimate DIY-Friendly experience.

Tailored Computing
More superb, user-friendly, customized BIOS & software.

Born from Ultra Durable™
Built for longevity and reliability.

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)
Supported processor sockets	LGA 1851

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 speeds	5600,6400,6600,6800,7000,7200,7400,7800,7900,7950,8000,8200,8266,8400,8600,8800,9066 MHz
Supported memory clock speed (max)	9066 MHz
Maximum internal memory *	256 GB
Unbuffered memory	✔
Maximum internal memory per slot	64 GB

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	6
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	4096 x 2160 pixels
HDCP	✔

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	2
DisplayPort version	2.1
Headphone outputs	1
Line-in	✔
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Realtek RTL8125
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (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), Wi-Fi 6E (802.11ax)
WLAN controller model	Realtek RTL8852CE
Bluetooth	✔
Bluetooth version	5.3

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 *	4
S/PDIF out connector	✔
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	2
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	1
TPM connector	✔
Serial port headers	1
Number of water pump connectors	2
RGB LED pin header	✔
Number of RGB LED pin headers	3

Rear panel I/O ports

USB 2.0 ports quantity *	3

Features

Motherboard chipset *	Intel B860
Audio chip	Realtek ALC897
Audio output channels *	7.1 channels
Product colour	Brown
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	2
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	4.0

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Weight & dimensions

Width	244 mm
Depth	244 mm

Packaging content

Screws included	✔
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

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