GIGABYTE

GIGABYTE B860M AORUS ELITE WIFI6E Intel B860 LGA 1851 (Socket V1) Mikro ATX

Brand : GIGABYTE

Product code: B860M A ELITE WIFI6E

Product name : B860M AORUS ELITE WIFI6E

GIGABYTE B860M AORUS ELITE WIFI6E. Protsessori tootja: Intel, Protsessori pesa: LGA 1851 (Socket V1), Ühilduvad protsessoriseeriad: Intel Core Ultra (Series 1), Intel Core Ultra (Series 2). Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 256 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 5, 10. Maksimaalne resolutsioon: 4096 x 2160 pikslit. Ethernet-liidese tüüp: 2.5 Gigabit Ethernet, LAN-kontroller: Realtek RTL8125, Wi-Fi standard: Wi-Fi 6E (802.11ax)

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	5600,6400,9200 MHz
Supported memory clock speed (max)	9200 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	7
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

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

Rear panel I/O ports

WiFi-AP antenna jack	2

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	Intel Wi-Fi 6E AX211
Bluetooth	✔
Bluetooth version	5.3

Features

Motherboard chipset *	Intel B860
Audio chip	Realtek ALC897
Audio output channels *	7.1 channels
Product colour	Black
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 11 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	1

Graphics	
HDCP	✔
DirectX version	12.0

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
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	4
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	2
TPM connector	✔
Thunderbolt headers	2
Number of water pump connectors	2
RGB LED pin header	✔
Number of RGB LED pin headers	4

Rear panel I/O ports	
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB4 Gen 2x2 ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	2.1
Headphone outputs	1
Line-in	✔
S/PDIF out port	✔
Digital audio optical out	1

Expansion slots	
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	3
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	2580
2nd M.2 highest PCI Express generation	4.0
3rd M.2 largest key size	25110
3rd 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

Logistics data	
Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery	
Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data	
Package width	270 mm
Package depth	268 mm
Package height	68 mm
Package weight	1.89 kg

Weight & dimensions	
Width	244 mm
Depth	244 mm
Height	35 mm

Packaging content	
Batteries included	✔
Antenna included	✔
Screws included	✔
Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software

Other features	
Weight	1.69 kg

Technical details	
Warranty period	3 year(s)

4719331866877