## GIGABYTE B860M DS3H WIFI6E emaplaat Intel B860 LGA 1851 (Socket V1) Mikro ATX

**Brand**: GIGABYTE **Product code**: B860M DS3H WIFI6E

Product name: B860M DS3H WIFI6E







Processor		Network	
Processor manufacturer * Processor socket * Compatible processor series *	Intel LGA 1851 (Socket V1) Intel® Core™ Ultra (Series 1), Intel	Ethernet LAN Ethernet interface type LAN controller	✓ 2.5 Gigabit Ethernet Realtek RTL8125
Supported processor sockets	Core Ultra (Series 2) LGA 1851	Wi-Fi * Top Wi-Fi standard	✓ Wi-Fi 6E (802.11ax)
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility	DDR5-SDRAM 4 DIMM Dual-channel ECC & Non-ECC	Wi-Fi standards WLAN controller model Bluetooth Bluetooth version	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) Intel Wi-Fi 6E AX211
Supported memory clock speeds Supported memory clock speed	5600,6400,9066 MHz	Features  Motherboard chipset *	Intel B860
(max)  Maximum internal memory *  Unbuffered memory  Maximum internal memory per slot	9066 MHz 256 GB  ✓ 64 GB	Audio chip Audio output channels * Product colour	Realtek ALC897 7.1 channels Dark brown Fan, Temperature, Voltage, Water
Storage controllers		PC health monitoring  Component for *	cooling PC
Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels	4	Motherboard form factor * Motherboard chipset family * Cooling type Power source type Windows operating systems supported	micro ATX Intel Passive ATX Windows 10 x64, Windows 11 x64
Graphics		Expansion slots	
Parallel processing technology support * Maximum resolution HDCP DirectX version	Not supported 4096 x 2160 pixels  ✓ 12.0	PCI Express x16 (Gen 4.x) slots PCI Express x16 (Gen 5.x) slots Number of M.2 (M) slots 1st M.2 largest key size 1st M.2 highest PCI Express	5 1 2 2280
Internal I/O		generation 2nd M.2 largest key size	5.0 2280
USB 2.0 connectors *	2	Ziiu M.Z idiyest key size	2200

USB 3.2 Gen 1 (3.1 Gen 1)   2   2   2   2   2   2   2   2   2	Internal I/O		Expansion slots	
connectors*         4           Number of SATA III connectors*         4           Front panel audio connector         ✓         BIOS           Front panel connector         ✓         BIOS type*         UEFI AMI           Front panel connector         ✓         ACPI version         5.0         Condition           CPU fan connector         ✓         ACPI Version         5.0         Condition           Number of CPU fan connectors         2         Desktop Management Interface (DMI) version         2.7         Condition           Number of CPU fan connectors         2         System Management BIOS (SMI)         2.7         Condition           EFS power connector (8-pin)         ✓         Country of origin         China         China           Number of EPS power connectors         2         Country of origin         China         China           Number of Water pump connectors         2         Country of origin         China         China           Number of RGB LED pin header         4         Battery         Cultiform         China           Number of RGB LED pin headers         4         Battery weight         3 g         Cultiform           USB 3.2 Gen 1 (3.1 Gen 2) Type-A         2         Reaction of the properties of the properties of the properties of	•		•	
Front panel audio connector	connectors *			4.0
Front panel connector			BIOS	
ATX Power connector (24-pin)         4         ACPI version         5.0         5.0         CPU fan connector         4         ACPI version         5.0         CPU fan connector         2         CRU fan connector         2         CPU fan connector (APPI) in CPU fan connectors         2         CPU fan CMD symper         2.7         CPU fan CMD symper connector (APPI) in CPU for CPU fan CAPPI) in CPU for CPU fan CAPPI fan CAPPI fan CAPPI for CPU fan CAPPI fan	Front panel audio connector	•	BIOS type *	UEFI AMI
CPU fan connector  Number of CPU fan connectors  Possition Management Interface (Destrop Management Interface) (Destrop Management Interface) (Destrop Management BIOS (System Management System (Bios)  Position (III)	Front panel connector	✓	BIOS memory size	256 Mbit
Number of CPU fan connectors 2 Desktop Management Interface (DMI) version 2.7  Number of Ichassis fan connectors 2 System Management BIOS (SMBIOS) version 2.7  EPS power connector (B-pin)	ATX Power connector (24-pin)	✓	ACPI version	5.0
Number of chassis fan connectors   2   System Management BIOS   2,7   EPS power connector (8-pin)   7   System Management BIOS (8-pin)   2,7   EPS power connector (8-pin)   7   System Management BIOS (8-pin)   2,7   ENGBIOS) version   China   China   END connector   7   Country of origin   China   China   END connector   7   System Management BIOS (8-pin)   China   END connector   7   System Management Solvate   END connector   7   System Management S	CPU fan connector	✓	Clear CMOS jumper	✓
Number of chassis fan connectors   2   Cluffly version   System Management BIOS (SMBIOS) version   Cluffly version   Clu	Number of CPU fan connectors	2		2.7
CMBIOS) version   2.7	Number of chassis fan connectors	2	` '	2.7
Country of origin of country of origin of country of origin of water pump connectors   2 country of water pump connectors   2 country of water pump connectors   2 country of water pump country   3 country of water pump country   3 country of water pump of RGB LED pin headers   3 general I/O ports   2 country of water pump of battery cells   3 general I/O ports quantity   3 country of water pump of battery cells   2 country of water pump of water pump of battery cells   2 country of water pump of water pu	•	✓		2.7
Number of water pump connectors 2 Products per shipping (inner) case 1 pc(s)  RGB LED pin header		1	Logistics data	
RGB LED pin headers Number of RGB LED pin headers  Rear panel I/O ports  USB 2.0 ports quantity* 2 SBS 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*  USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity*  USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity*  Ethernet LAN (R)-45) ports*  I Packaging data  Ethernet LAN (R)-45) ports*  I Package width Package height 68 mm  HDMI ports quantity*  I Package height 68 mm  HDMI version 2 DisplayPorts quantity 1 DisplayPorts quantity 2 DisplayPorts quantity 3 DisplayPorts quantity 4 DisplayPorts quantity 4 DisplayPorts quantity 5 DisplayPorts quantity 6 DisplayPorts quantity 6 DisplayPorts quantity 7 DisplayPort version 7 DisplayPort version 8 DisplayPort version 9 Depth 9 Depth 244 mm  Microphone in 7 Micro	TPM connector	✓	Country of origin	China
Number of RGB LED pin headers 4 Battery weight 3 g  Rear panel I/O ports  USB 2.0 ports quantity* 3 2	Number of water pump connectors	2	Products per shipping (inner) case	1 pc(s)
Number of RGB LED pin headers       4       Battery weight       3 g         Rear panel I/O ports       Lithium weight per battery       0.07 g         USB 2.0 ports quantity*       3       Number of battery cells       1         USB 3.2 Gen 1 (3.1 Gen 2) Type-A ports quantity*       2       Battery technology       Lithium-Manganese Dioxide (LiMnO2)         USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity*       1       Packaging data       2         Ethernet LAN (R)-45) ports*       1       Package width       270 mm         P5/2 ports quantity       1       Package depth       268 mm         HDMI ports quantity*       1       Package height       68 mm         HDMI version       2.1       Package weight       1.25 kg         DisplayPort version       2.1       Weight & dimensions         Headphone outputs       1       Width       244 mm         Line-in       ✓       Packaging content         Microphone in       ✓       Packaging content         WiFi-AP antenna jack       2       Packaging content         Batteries included       ✓         Antenna included       ✓         Antenna included       ✓         Antenna included       ✓         Bundled software <td>RGB LED pin header</td> <td>✓</td> <td>Battery</td> <td></td>	RGB LED pin header	✓	Battery	
Rear panel I/O ports       Lithium weight per battery       0.07 g         USB 2.0 ports quantity*       3       Number of battery cells       1         USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*       2       Battery type       CR2032         USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity       1       Packaging data       THUMI ports quantity       CR2032         Ethernet LAN (R]-45) ports *       1       Package width       270 mm         PS/2 ports quantity       1       Package depth       268 mm         HDMI ports quantity*       1       Package depth       268 mm         HDMI version       2.1       Package weight       1.2 S kg         DisplayPorts quantity       2       Weight & dimensions         Line-in       *       Weight & dimensions         Line-in pound       *       Package weight       244 mm         Microphone in       *       Packaging content         WiFi-AP antenna jack       2       Packaging content         Wiff-AP antenna jack       2       Packaging content         Batteries included       *         Antenna included       *         Screws included       *         Weight of the features         Weight	Number of RGB LED pin headers	4	•	3 a
USB 2.0 ports quantity * 3 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 * 3 USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 4 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 ports quantity * 1 HDMI ports quantity * 2 DisplayPorts quantity * 2 DisplayPorts quantity * 2 DisplayPort version	Rear panel I/O ports		, ,	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *       2       Battery type       Lithium-Manganese Dioxide (LiMnO2)         USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *       1       Packaging data         Ethernet LAN (RJ-45) ports *       1       Package width       270 mm         PS/2 ports quantity *       1       Package width       268 mm         HDMI ports quantity *       1       Package depth       68 mm         HDMI ports quantity *       2       Package weight       1.25 kg         DisplayPorts quantity *       2       Package weight       1.25 kg         DisplayPort version       2.1       Weight & dimensions         Headphone outputs       1       Width       244 mm         Line-in       *       Depth       244 mm         Microphone in       *       Packaging content         WiFi-AP antenna jack       2       Packaging content         WiFi-AP antenna jack       2       Packaging content         WiFi-AP antenna jack       2       Packaging content         WiFi and package weight       *       *         Antenna included       *         Antenna included       *         Antenna included       *         Bundled software       *		3	<b>.</b>	•
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 PS/2 ports quantity * 1 P	USB 3.2 Gen 1 (3.1 Gen 1) Type-A		Battery technology	5
Packaging data         Ethernet LAN (RJ-45) ports*       1         PS/2 ports quantity       1         HDMI ports quantity*       1         HDMI version       2.1         DisplayPorts quantity       2         Beachage weight       1.25 kg         DisplayPort version       2.1         Headphone outputs       1         Line-in       ✓         Microphone in       ✓         WIFI-AP antenna jack       2         VIFI-AP antenna jack       2         Packaging content       V         Batteries included       ✓         Antenna included       ✓         Screws included       ✓         Bundled software       Norton® Internet Security (OEM version) LAN bandwidth management software         Other features         Weight       1.1 kg			Battery type	CR2032
PS/2 ports quantity 1 HDMI ports quantity* 1 HDMI version 2.1 DisplayPorts quantity 2 DisplayPort version 2.1 Weight & dimensions Headphone outputs 1 Line-in	ports quantity *	_	Packaging data	
HDMI ports quantity * 1 HDMI version 2.1 HDMI version 2.1 Package height 68 mm HDMI version 2.1 Package weight 1.25 kg Package weight 1.25 kg Package weight 1.25 kg Package weight 2.44 mm  Width 244 mm  Line-in 244 mm Microphone in 244 mm Microphone in 244 mm  Microphone in 25 mm  WiFi-AP antenna jack 2 Packaging content  Batteries included 244 mm  Antenna included 247 Antenna included 248 Antenna included 248 Antenna included 249 Antenna included 240 Antenna include			Package width	270 mm
HDMI version 2.1 DisplayPorts quantity 2 DisplayPort version 2.1 Weight & dimensions Headphone outputs 1 Line-in				268 mm
DisplayPorts quantity       2         DisplayPort version       2.1         Headphone outputs       1         Line-in       ✓         Microphone in       ✓         WiFi-AP antenna jack       2         Packaging content         Batteries included       ✓         Antenna included       ✓         Screws included       ✓         Screws included       ✓         Norton® Internet Security (OEM version) LAN bandwidth management software         Other features         Weight       1.1 kg         Technical details			Package height	68 mm
DisplayPort version       2.1       Weight & dimensions         Headphone outputs       1       Width       244 mm         Line-in       ✓       Depth       244 mm         Microphone in       ✓       Height       35 mm         WiFi-AP antenna jack       Packaging content       ✓         Antenna included       ✓         Antenna included       ✓         Screws included       ✓         Bundled software       Norton® Internet Security (OEM version) LAN bandwidth management software         Other features         Weight       1.1 kg         Technical details			Package weight	1.25 kg
Headphone outputs Line-in  V Depth Depth 244 mm Microphone in V WiFi-AP antenna jack  V Fackaging content Batteries included Antenna included Screws included V Screws included V Screws included V Sundled software Version) LAN bandwidth management software  Other features Weight Technical details			Weight & dimensions	
Line-in Microphone in WiFi-AP antenna jack  ViFi-AP antenna jack	• •			244 mm
Microphone in  WiFi-AP antenna jack  WiFi-AP antenna jack  Antenna included  Antenna included  Screws included  Corews included  Morton® Internet Security (OEM version) LAN bandwidth management software  Weight  Technical details	·	<b>√</b>		
WiFi-AP antenna jack  Packaging content  Batteries included  Antenna included  Screws included  Corews included  Antenna included  Morton® Internet Security (OEM version) LAN bandwidth management software  Other features  Weight  Technical details	Microphone in	1	•	35 mm
Batteries included Antenna included Screws included  Morton® Internet Security (OEM version) LAN bandwidth management software  Other features Weight 1.1 kg  Technical details	·		Packaging content	
Antenna included  Screws included  Bundled software  Other features  Weight  1.1 kg  Technical details			Batteries included	/
Screws included  Bundled software  Norton® Internet Security (OEM version) LAN bandwidth management software  Other features Weight  1.1 kg  Technical details				
Bundled software  Bundled software  Norton® Internet Security (OEM version) LAN bandwidth management software  Other features  Weight  1.1 kg  Technical details				
Weight 1.1 kg  Technical details				Norton® Internet Security (OEM version) LAN bandwidth
Technical details			Other features	
Technical details			Weight	1.1 kg
			Technical details	
				3 year(s)



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