

GIGABYTE Z890 EAGLE WIFI7 LGA 1851 ATX Motherboard

Sale Price: 36500.0



PRODUCT ID: 02699

Basic Information

Supported CPU	Intel Core Ultra Processors(Series 2)
Chipset	Intel Z890 Chipset
BIOS	1 x 256 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Form Factor	ATX Form Factor; 30.5cm x 24.4cm
Audio	Realtek® Audio CODEC High Definition Audio 2/4/5.1/7.1-channel * You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings.

Expansion Slots

PCI	CPU: - 1 x PCI Express x16 slot, supporting PCIe 5.0 and running at x16 (PCIEX16) * The PCIEX16 slot can only support a graphics card or an NVMe SSD. If only one graphics card is to be installed, be sure to install it in the PCIEX16 slot. Chipset: - 2 x PCI Express x16 slots, supporting PCIe 4.0 and running at x4 (PCIEX4_1/2)
M.2 Socket	CPU: - 1 x M.2 connector (Socket 3, M key, type 25110/22110/2580/2280 PCIe 5.0 x4/x2 SSD support) (M2A_CPU) - 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2B_CPU) Chipset: - 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2Q_SB) - 1 x M.2 connector (Socket 3, M key, type 22110/2280 SATA and PCIe 4.0 x4/x2 SSD support) (M2M_SB)

Basic Information

Memory

Type	DDR5
Slots	4 x DIMM
Supported Memory	Support for DDR5 9200(O.C) / 9066(O.C) / 8933(O.C) / 8800(O.C) / 8600(O.C) / 8400(O.C) / 8266(O.C) / 8200(O.C) / 8000(O.C) / 7950(O.C) / 7900(O.C) / 7800(O.C) / 7600(O.C) / 7400(O.C) / 7200(O.C) / 7000(O.C) / 6800(O.C) / 6600(O.C) / 6400 / 6200 / 6000 / 5800 / 5600MT/s memory modules.
Maximum Memory	256GB (64 GB single DIMM capacity) of system memory

Graphics

Graphics	Integrated Graphics Processor-Intel® HD Graphics support: - 1 x USB4® USB Type-C® port, supporting USB4 and DisplayPort video outputs and a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 2.1 version - 1 x DisplayPort, supporting a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 2.1 version (Graphics specifications may vary depending on CPU support.)
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Connector & Ports

Display Port (s)	- 1 x USB4® USB Type-C® port, supporting USB4 and DisplayPort video outputs and a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 2.1 version - 1 x DisplayPort, supporting a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 2.1 version
LAN Port (s)	Realtek® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)
Wireless Communication module	MediaTek Wi-Fi 7 MT7925 (PCB rev. 1.0) - 802.11a, b, g, n, ac, ax, be, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.4 - Support for 11be 160MHz wireless standard Realtek® Wi-Fi 7 RTL8922AE (PCB rev. 1.1) - 802.11a, b, g, n, ac, ax, be, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.4 - Support for 11be 160MHz wireless standard

Basic Information

Supported Storage	CPU: - 1 x M.2 connector (Socket 3, M key, type 25110/22110/2580/2280 PCIe 5.0 x4/x2 SSD support) (M2A_CPU) - 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2B_CPU) Chipset: - 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2Q_SB) - 1 x M.2 connector (Socket 3, M key, type 22110/2280 SATA and PCIe 4.0 x4/x2 SSD support) (M2M_SB) - 4 x SATA 6Gb/s connectors
RAID	RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices RAID 0, RAID 1, RAID 5, and RAID 10 support for SATA storage devices
Audio	1 x front panel audio header 3 x audio jacks
Internal I/O Ports	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x CPU fan header 1 x CPU fan/water cooling pump header 3 x system fan headers 1 x system fan/water cooling pump header 3 x addressable RGB Gen2 LED strip headers 1 x RGB LED strip header 4 x M.2 Socket 3 connectors 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB Type-C® header, with USB 3.2 Gen 2 support 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 2 x Thunderbolt™ add-in card connectors 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only) 1 x power button 1 x Q-Flash Plus button 1 x reset button 1 x reset jumper 1 x Clear CMOS jumper
	Back Panel Connectors 1 x USB4® USB Type-C® port (DisplayPort (Note)) 2 x USB 3.2 Gen 2 Type-A ports (red) 3 x USB 3.2 Gen 1 ports 4 x USB 2.0/1.1 ports 1 x DisplayPort (Note) 2 x antenna connectors (2T2R) 1 x RJ-45 port 3 x audio jacks

Basic Information

TPM (Trusted Platform Module)	1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only)
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Others

Special Features	Support for GIGABYTE Control Center (GCC) * Available applications in GCC may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications. Support for Q-Flash Support for Q-Flash Plus Support for Smart Backup
Bundled Software	Norton® Internet Security (OEM version) LAN bandwidth management software

Warranty Information

Manufacturing Warranty	3 Year Warranty
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