

SPECIFICATIONS



Gigabyte Z890 AORUS ELITE ICE (Wi-Fi 7) (Intel Core Ultra LGA1851 Socket) Gaming Motherboard #Z890 A ELITE WF7 ICE

Regular Price 47,420

Special Price 44,200

ID: 02.01.018.537

General

Brand	Gigabyte
Model	Gigabyte Z890 AORUS ELITE ICE (Wi-Fi 7)
Body Color	Grey & Silver
Part No	Z890 A ELITE WF7 ICE

CPU

Chipset Brand	Intel
Chipset	Intel Z890
Sockets Supported	LGA1851
Built-in Processor	No
Supported CPU	Intel Core Ultra Processors
Generation	Ultra

Memory Support

Memory Type	DDR5
Memory MHz	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 non-ECC Un-buffered DIMM
Memory Channel	Dual
Memory Slot	4
Memory Max.	256GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD	4

IDB BHABAN - DHAKA 328/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop 141, Multiplan Centre, Dhaka 1209, Tel +88 017 55 513 974 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 951 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Sirantnagar - DHAKA** Level 4, Shop 441, Eastern Isl, Dhaka 1217, Tel +88 017 55 513 955 **Rajshahi - Chattogram** 281/4/2/280, Saha, and P.C.I. 401, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

M.2/SSD Slot Gen Up to Gen 5

Graphics

Graphics Integrated

Graphics Chipset Intel HD Graphics support

Multi-GPU Support No

PCI Express Slot 1 x PCI Express x16 slot, 2 x PCI Express x16 slots

Audio & Video

Audio Chipset High Definition Audio Realtek ALC1220 CODEC

Audio Channel 7.1

Network & Connectivity

LAN Chipset Realtek 2.5GbE LAN chip

LAN Speed (Mbps) 100/ 1000/ 2500Mbps

WiFi Yes

WiFi Technology Wi-Fi 7

Bluetooth Bluetooth 5.4

Ports

USB Port 1 x Intel Thunderbolt 4 connectors (USB Type-C ports), 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

VGA Port No

DVI Port No

HDMI Port No

DisplayPort (DP) 1

SATA Port 4

Thunderbolt 1

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TPM Port 1

Technical Info

Back-Connect Design No

Cable Management Front

Heatsink Yes

FireWire No

CrossFire Support No

Sli Support No

Raid Support 0, 1, 5, 10

RGB Support RGB

RGB Connector 1 x RGB LED strip header

Approx. Power Consumption 70W

Form Factor ATX

Bios Information

BIOS Type 1 x 256 Mbit flash

BIOS Model AMI UEFI BIOS

BIOS Version PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Compatibility

Supported Operating System Windows 11

Compatible Products LGA1851 socket: Support for Intel Core Ultra Processors

Warranty

Warranty Details 3 year

Others Internal I/O Connectors: 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, 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 HDMI port (Note), 1 x power button, 1 x reset button, 1 x Q-Flash Plus button, 1 x reset jumper, 1 x Clear CMOS jumper I/O Controller: ITE I/O Controller Chip, H/W Monitoring, Voltage detection, Temperature detection, Fan speed detection, Water cooling flow rate detection, Fan fail warning, Fan speed control, Unique Features: Support for GIGABYTE Control Center (GCC), Support for Q-Flash, Support for Q-Flash Plus, Support for Smart Backup, Bundled Software: Norton Internet Security (OEM version), LAN bandwidth management software

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