

SPECIFICATIONS



Gigabyte Z790 UD DDR5 12th/13th Gen Intel Motherboard

Regular Price 31,790

Special Price 29,500

ID: 02.01.018.475

General

Brand	Gigabyte
Model	Gigabyte Z790 UD
Body Color	Black

CPU

Chipset Brand	Intel
Chipset	Intel Z790
Sockets Supported	LGA1700
Built-in Processor	No
Supported CPU	12th / 13th / 14th Generation Intel Core i9/ i7/ i5/ i3 processors and Intel Pentium processors/ Intel Gold processors/ Intel Celeron processors.
Generation	12th/13th/14th

Memory Support

Memory Type	DDR5
Memory MHz	7600(O.C.)/ 7400(O.C.)/ 7200(O.C.)/ 7000(O.C.)/ 6800(O.C.)/ 6600(O.C.)/ 6400(O.C.)/ 6200(O.C.)/ 6000(O.C.)/ 5800(O.C.)/ 5600(O.C.)/ 5400(O.C.)/ 5200(O.C.)/ 4800/ 4000MHz ECC, non-ECC & Un-buffered Memory
Memory Channel	Dual
Memory Slot	4
Memory Slot (Additional Info)	4 x DDR5 DIMM
Memory Max.	256GB
Memory Max. (Additional Info)	256GB (64GB single DIMM capacity)
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
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IDB BHABAN - DHAKA 123/5 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 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, 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

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M.2/SSD Expansion Slot Details	3 x M.2 (1 x M.2 M key type 22110/2280 support PCIe 4.0 x4/x2 SSD), (2 x M.2 M key type 2280 support PCIe 4.0 x4/x2 SSD)
M.2/SSD Slot Gen	Up to Gen 4

Graphics

Graphics	Integrated
Graphics Chipset	Intel HD Graphics support
Multi-GPU Support	Yes
PCI Express Slot	1 x PCI Express x16 slot, supporting PCIe 5.0 and running at x16 (PCIEx16), x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEx4), 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x1 (PCIEx1_4), 2 x PCI Express x1 slots, supporting PCIe 3.0 and running at x1 (PCIEx1_2, PCIEx1_3)

Audio & Video

Audio Chipset	Realtek Audio CODEC High Definition Audio
Audio Channel	2/4/5.1/7.1

Network & Connectivity

LAN Chipset	Realtek 2.5GbE LAN chip
LAN Speed (Mbps)	10/100/1000/2500 Mb/s
WiFi	No
Bluetooth	No

Ports

USB Port	1 x USB 3.2 Gen 2x2 Type-C, 1 x USB 3.2 Gen 2 Type-A, 4 x USB 3.2 Gen 1, 4 x USB 2.0 Type-A
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	1
IDE Port	No
SATA Port	6

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Thunderbolt	2
TPM Port	1
COM Port	No

Technical Info

Back-Connect Design	No
Cable Management	Front
DirectX Support	No
Heatsink	Yes
FireWire	No
CrossFire Support	Yes
Sli Support	No
Raid Support	0, 1, 5, 10
RGB Support	RGB
RGB Connector	2 x RGB LED strip headers
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 10/ 11
Compatible Products	Intel Core i9/ i7/ i5/ i3, Pentium, Celeron processors. (12th/13th/14thGen) LGA1700 socket.

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