

SPECIFICATIONS



Gigabyte Z790 D DDR5 12th/13th/14th Gen Intel LGA1700 Socket Motherboard

Regular Price 30,710
Special Price 28,500

ID: 02.01.018.519

General

Brand	Gigabyte
Model	Gigabyte Z790 D
Body Color	Black

CPU

Chipset Brand	Intel
Chipset	Intel Z790
Sockets Supported	LGA1700
Built-in Processor	No
Supported CPU	14th, 13th, and 12th Generation Intel Core, Pentium Gold and 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/ 5400/ 5200/ 4800/ 4400 MT/s memory modules
Memory Channel	Dual
Memory Slot	4
Memory Slot (Additional Info)	4 x DIMM
Memory Max.	192GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	3

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 121, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 941 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 941 **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

M.2/SSD Slot Gen Up to Gen 4

Graphics

Graphics	Integrated
Graphics Chipset	Intel HD Graphics Support
Multi-GPU Support	No
PCI Express Slot	1 x PCI Express x16 slot, supporting PCIe 5.0 and running at x16 (PCIEX16), 1 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
Audio Channel	2/4/5.1/7.1

Network & Connectivity

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

Ports

USB Port	2 x USB 2.0/1.1, 4 x USB 3.2 Gen 1, 1 x USB 3.2 Gen 2 Type-A, 1 x USB Type-C
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	1
SATA Port	4 x SATA
Thunderbolt	2
TPM Port	Yes

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Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
CrossFire Support	No
Sli Support	No
Raid Support	0, 1, 5, 10
RGB Support	No
Approx. Power Consumption	No
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/ 10
Compatible Products	Intel Core 14th/ 13th/ 12th Gen, Pentium Gold and Celeron Processors

Warranty

Warranty Details	3 year
Feature	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.
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, 2 x addressable LED strip headers, 1 x front panel header, 1 x front panel audio header, 1 x S/PDIF Out header, 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 reset button, 1 x Q-Flash Plus button, 1 x reset jumper, 1 x Clear CMOS jumper, Back Panel Connectors: 1 x PS/2 keyboard/mouse port, 1 x DisplayPort, 1 x RJ-45 port, 3 x audio jacks, I/O Controller: iTE I/O Controller Chip.
Country Of Origin	Taiwan
Made in/ Assemble	China

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