

Gigabyte Z490 AORUS ULTRA DDR4 10th Gen Intel LGA1200 Socket Mainboard



Product Id: 02.01.018.314

Regular Price 36,350

Special Price 33,800

SPECIFICATIONS

General

Model	Gigabyte Z490 AORUS ULTRA
Chipset	Intel Z490 Express
Form Factor	ATX Form
Warranty	3 year
Country Of Origin	Taiwan
Made in/ Assemble	China

Compatibility

Sockets Supported	LGA1200
Supported CPU	10th Generation Intel Core i9 / i7 / i5 / i3 / Pentium / Celeron Processors
Supported Operating System	Windows 10

Memory Support

Memory Type	DDR4
Memory MHz	DDR4 5000(O.C.)/4933(O.C.)/4800(O.C.)/ 4700(O.C.)/ 4600(O.C.)/ 4500(O.C.)/ 4400(O.C.)/ 4300(O.C.)/4266(O.C.)/ 4133(O.C.)/ 4000(O.C.)/ 3866(O.C.)/ 3800(O.C.)/ 3733(O.C.)/ 3666(O.C.)/ 3600(O.C.)/ 3466(O.C.)/ 3400(O.C.)/ 3333(O.C.)/ 3300(O.C.)/ 3200(O.C.)/ 3000(O.C.)/ 2933/ 2800/ 2666/ 2400/ 2133MHz
Memory Channel	Dual
Memory Slot	4
Memory Max.	128GB
Optane Memory Support	Yes

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

Graphics

Graphics	Integrated Graphics
Multi-GPU Support	NVIDIA Quad-GPU SLI and 2-Way NVIDIA SLI & AMD Quad-GPU CrossFire and 2-Way AMD CrossFire
PCI Express Slot	1 x PCI Express x16 slot, running at x16 (PCIEX16), 1 x PCI Express x16 slot, running at x8 (PCIEX8), 1 x PCI Express x16 slot, running at x4 (PCIEX4)
CrossFire Support	Yes
Sli Support	Yes

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	2
SATA Port	6 x SATA
Raid Support	0, 1, 5, 10

Network & Connectivity

LAN Chipset	Intel GbE LAN
LAN Speed (Mbps)	100

Ports

USB Port	1 x USB3.2 Gen 2 Type-A, 6 x USB3.2 Gen 1, 3 x USB2.0
HDMI Port	1

Audio

Audio Chipset.	Realtek ALC1220-VB
Audio Channel	2/4/5.1/7.1

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

Additional Info

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, 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

Bluetooth	Bluetooth 5
Thunderbolt	Yes
TPM Port	Yes
Feature	Intel Z490 AORUS Motherboard with Direct 12+1 Phases Digital VRM Design, Comprehensive Thermal Solution with NanoCarbon Fins-Array II, Intel WiFi 6 802.11ax, Intel 2.5GbE LAN, RGB FUSION 2.0, Supports 10th Gen Intel Core Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs, Intel Optane Memory Ready, Direct 12+1 Phases Digital VRM Solution with 55A DrMOS, Shielded Memory Routing for Better Memory Overclocking, NanoCarbon Fins-Array II Heatsink and Direct Touch Heatpipe II Onboard Intel WiFi 6 802.11ax 2T2R & BT5 with AORUS Antenna, AMP-UP Audio with ALC1220-VB and WIMA for Rear 120dB SNR Blazing Fast Intel 2.5GbE LAN with cFosSpeed, Triple Ultra-Fast NVMe PCIe 3.0 x4 M.2 with Thermal Guards II, RGB FUSION 2.0 with Multi-Zone Addressable LED Light Show Design, Support Addressable LED & RGB LED Strips, Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP and Noise Detection Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card
Others	1 x CPU fan header, 1 x water cooling CPU fan header, 4 x system fan headers, 2 x system fan/water cooling pump headers, 2 x addressable LED strip headers, 2 x RGB LED strip headers, 1 x Clear CMOS jumper, 2 x temperature sensor headers, 1 x Q-Flash Plus button

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