

SPECIFICATIONS



NZXT N7 Z790 (Wi-Fi 6E) DDR5 12th/13th/14th Gen Intel LGA1700 Socket Motherboard with White Cover #N7-Z79XT-W1

Regular Price 43,400

Special Price 40,000

ID: 02.01.681.08

General

Brand	Nzxt
Model	Nzxt N7 Z790 (Wi-Fi 6E)
Body Color	White
Part No	N7-Z79XT-W1

CPU

Chipset Brand	Intel
Chipset	Intel Z790
Sockets Supported	LGA1700
Built-in Processor	No
Supported CPU	Intel 14th, 13th, and 12th Generation Core i9/ Core i7/ Core i5 Processors.
Generation	12th/13th/14th

Memory Support

Memory Type	DDR5
Memory MHz	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 non-ECC, un-buffered
Memory Channel	Dual
Memory Slot	4
Memory Slot (Additional Info)	Intel Extreme Memory Profile (XMP) 3.0
Memory Max.	192GB
Optane Memory Support	No

Storage

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

Ryans reserves right to change information including price any time.

M.2/SSD Expansion Slot Details	3 x M.2 Slot (1 x M.2 Type 2242/2260/2280 support PCIe 4.0 x4, 1 x M.2 Type 2242/2260/2280/22110 support PCIe 4.0 x4, 1 x M.2 Type 2242/2260/2280 support PCIe 4.0 x4)
M.2/SSD Slot Gen	Up to Gen 4

Graphics

Graphics	Integrated
Graphics Chipset	Integrated With Processor
Multi-GPU Support	No
PCI Express Slot	1 x PCIe 5.0 x16 slot supports x16 mode, 2 x PCIe 4.0 x16 slots support x4 mode, 2 x PCIe 3.0 x1 slots.

Audio & Video

Audio Chipset	Realtek ALC1220 Codec
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Network & Connectivity

LAN Chipset	Realtek RTL8125BG 2.5G LAN
LAN Speed (Mbps)	10/10/1000/2500Mbps
WiFi	Yes
WiFi Technology	Wi-Fi 6E
Bluetooth	Bluetooth 5.3

Ports

USB Port	2 x USB 2.0 Type-A, 1 x USB 3.2 Gen 2x2 Type-C, 2 x USB 3.2 Gen 2 Type-C, 3 x USB 3.2 Gen 1 Type-C
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	No
IDE Port	No
SATA Port	4 x SATA

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Thunderbolt	No
TPM Port	No
COM Port	No

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
FireWire	No
CrossFire Support	No
Sli Support	No
RGB Support	ARGB
RGB Connector	4 x NZXT RGB LED connectors, 2 x 5V ARGB LED connector
Approx. Power Consumption	70W
Form Factor	ATX

Compatibility

Supported Operating System	Windows 11/10
Compatible Products	Compatible with LGA1700 Socket 12th, 13th & 14th Gen Intel Processor.

Warranty

Warranty Details	3 year
Feature	The N7 Z790 allows for a great look without sacrificing the build experience with an integrated rear I/O and optimally placed headers, Turbo Boost Max 3.0 Technology, Intel Thermal Velocity Boost (TVB), Intel Adaptive Boost Technology (ABT), Intel Volume Management Device (VMD).
Others	Rear I/O: (Wireless antenna SMA connectors: 2, Clear CMOS button: 1, LAN (RJ45) port: 1, Audio jacks: 5, Optical S/PDIF Out port: 1), Internal I/O: (24-pin ATX power connector: 1 8+4-pin ATX 12V power connector: 1 4-pin CPU_FAN connector: 1 4-pin AIO_PUMP connector: 1 4-pin SYS_FAN connectors: 5, Front panel audio connector: 1, Power button: 1, Reset button: 1, POST LEDs: 4.
Country Of Origin	USA
Made in/Assemble	China

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