

SPECIFICATIONS



Gigabyte AI TOP 100 Z890 Series 2 Intel Core Ultra 9 285K Gaming AI Workstation PC

Regular Price 721,530
Special Price 665,000

ID: 58.07.018.11

General

Brand	Gigabyte
Model	Gigabyte AI TOP 100 Z890
Part No	AT119N9-0006 / 9BAT10006-UK-G10

Processor

Processor Brand	Intel
Generation	Ultra
Processor Type	Core Ultra 9
Processor Model	Core Ultra 9 285K
Performance-Core Base Frequency	3.70GHz
Efficient-Core Base Frequency	3.20GHz
Processor Max Turbo Frequency	5.70GHz
Performance-Core Max Turbo Frequency	5.50GHz
Efficient-Core Max Turbo Frequency	4.60GHz
Processor Core	24
Performance-Cores	8
Efficient-Cores	16
Low Power Efficient-Cores	0
Processor Thread	24
CPU Cache	76MB
NPU	Yes
Neural Processing Unit (NPU)	Intel AI Boost
NPU TOPS	13

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.

Chipset/Architecture	Intel Z890
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Memory

RAM	128GB
Installed RAM Details	4 x 32GB
RAM Type	DDR5

Storage

Hard Disk Drive (HDD)	No
Installed HDD Type	No HDD
RPM	No
HDD Expansion Slot	No
Solid-State Drive (SSD)	2TB & 320GB
Installed SSD Type	NVMe PCIe
M.2/SSD Expansion Slot	No

Graphics

Graphics Chipset	NVIDIA GeForce RTX 5090 Graphics
Graphics Memory Accessibility	Dedicated
Graphics Memory	32GB
Graphics Memory Type	GDDR7
CUDA Cores	NVIDIA Blackwell Generation
RT Cores	4th Generation
Tensor Cores	5th Generation
Tensor Performance	3352 AI TOPS
Memory Interface	512-bit

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Memory Bandwidth Up to 1792 GB/s

Ports & Slots

Optical Drive	No
Expansion Slots	2
Multimedia Card Slot	No
USB Port	2 x USB 3.0 Type-A (Front), 2 x USB 3.2 Gen 1 Type-A, 6 x USB 3.2 Gen 2 Type-A (Rear)
USB C / Thunderbolt Port	1 x USB 3.2 Gen 2 Type-C (Front), 2 x Thunderbolt 5 (USB Type-C) (Rear)
HDMI Port	1
DisplayPort (DP)	1
Mini DisplayPort	No
VGA/D-Sub	No
DVI Port	No
NVENC	3
NVDEC	2

Network & Connectivity

LAN	Yes
LAN Details	2 x RJ-45 connector/10 GbE
WiFi	Yes
WiFi Details	Wi-Fi 7
Bluetooth	Yes
Bluetooth Details	Bluetooth 5.3

Audio

Audio Port	1 x Audio In, 1 x Audio Out (Both Side)
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