

SPECIFICATIONS



(Bundle with PC) Intel Core i7 14th Gen Raptor Lake Refresh 14700K Processor - (OEM/Tray)
(Fan Not Included)

Regular Price 48,610

Special Price 45,000

ID: 01.01.024.371

General

Brand	Intel
Series	Not Applicable
Model	Intel Core i7 14700K
Cpu Cooler	Not Included
Code-Name	Raptor Lake
Generation	14th
Sockets Supported	LGA1700

Performance

Processor Type.	Core i7
Base Frequency	Not Applicable
Performance-Core Base Frequency	3.40GHz
Efficient-Core Base Frequency	2.50GHz
Turbo Frequency Max.	5.60GHz
Performance-Core Max Turbo Frequency	5.50GHz
Efficient-Core Max Turbo Frequency	4.30GHz
Core	20
Performance-Cores	8
Efficient-Cores	12
Threads	28
CPU Cache	33MB
L2 Cache	28MB
Processor Base Power	125W

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.

Max. Turbo Power	253W
Lithography	Intel 7

Memory Support

Memory Max.	192GB
Memory Type	DDR4-3200 MT/s, DDR5-5600 MT/s
Memory Channel	2

Graphics

Built-in GPU	Yes
Processor Graphics	Intel UHD Graphics 770
Graphics Base Frequency	300MHz
Graphics Dynamic Frequency Max.	1.60GHz
Graphics Resolution Max.	5120 x 3200 @120Hz (eDP - Integrated Flat Panel), 4096 x 2160 @60Hz (HDMI), 7680 x 4320 @60Hz (DP)

Technical Info

DirectX Support	12
OpenGL Support	4.5
Approx. Power Consumption	125W
Compatible Products	Chipset: Intel B760, Intel H770, Intel Z790, Intel W680, Intel Q670, Intel H610, Intel H670, Intel B660, Intel Z690.

Warranty

Warranty Details	3 year
Others	Max Memory Bandwidth: 89.6 GB/s, Direct Media Interface (DMI) Revision: 4.0, Max # of DMI Lanes: 8, Scalability: 1S Only, PCI Express Revision: 5.0 and 4.0, PCI Express Configurations: Up to 1x16+4, 2x8+4, Max # of PCI Express Lanes: 20, Thermal Solution Specification: PCG 2020A, T JUNCTION: 100 degree C, Package Size: 45.0 x 37.5mm, Intel Gaussian & Neural Accelerator: 3.0, Instruction Set: 64-bit, Instruction Set Extensions: Intel SSE41 Intel SSE42 Intel AVX2, Intel AES New Instructions, Secure Key, Intel OS Guard.
Specialty	Intel Thread Director, Intel Deep Learning Boost (Intel DL Boost) on CPU, Intel Speed Shift Technology, Intel Turbo Boost Max Technology 3.0, Intel Turbo Boost Technology 2.0, Intel Hyper-Threading Technology, Intel 64, Instruction Set, Idle States, Enhanced Intel SpeedStep Technology, Thermal Monitoring Technologies, Intel Volume Management Device (VMD), Intel Standard Manageability ISM, Intel Control-Flow Enforcement Technology, Execute Disable Bit, Intel Boot Guard, Mode-based Execute Control (MBEC), Intel Virtualization Technology (VT-x), Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT).
Country Of Origin	USA
Made in/ Assemble	China

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