

SPECIFICATIONS



(Bundle with PC) Intel Core i7 14th Gen Raptor Lake 14700 Processor - (OEM/Tray)

Regular Price 46,330

Special Price 42,900

ID: 01.01.024.393

General

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

Performance

Processor Type.	Core i7
Base Frequency	Not Applicable
Performance-Core Base Frequency	2.10GHz
Efficient-Core Base Frequency	1.50GHz
Turbo Frequency Max.	5.40GHz
Performance-Core Max Turbo Frequency	5.30GHz
Efficient-Core Max Turbo Frequency	4.20GHz
Core	20
Performance-Cores	8
Efficient-Cores	12
Threads	28
CPU Cache	33MB
L2 Cache	28MB
Processor Base Power	65W

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	219W
Lithography	Intel 7

Memory Support

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

Graphics

Built-in GPU	Yes
Processor Graphics	Intel UHD Graphics 770
Graphics Base Frequency	300GHz
Graphics Dynamic Frequency Max.	1.60GHz
Graphics Resolution Max.	7680 x 4320 60Hz(DP)

Technical Info

DirectX Support	12
OpenGL Support	4.5
Approx. Power Consumption	219W
Compatible Products	Intel B760, H770, Z790, W680, Q670, H610, H670, B660, Z690 Chipset

Warranty

Warranty Details	3 Year (No Warranty for Fan or Cooler)
Others	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, Supported CPU Cooler: PCG 2020C
Specialty	Intel Gaussian & Neural Accelerator, Intel Thread Director, Intel Deep Learning Boost (Intel DL Boost) on CPU, Intel Speed Shift Technology, Intel Turbo Boost Max Technology, Intel Turbo Boost Technology, Intel Hyper-Threading Technology, Intel 64, Instruction Set 64-bit, Instruction Set Extensions: Intel SSE4.1, Intel SSE4.1, Intel AVX2, Idle States, Enhanced Intel SpeedStep Technology, Thermal Monitoring Technologies, Intel Volume Management Device (VMD), Intel Standard Manageability (ISM), Intel Control-Flow Enforcement Technology, Intel AES New Instructions, Secure Key, Intel OS Guard, 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
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