

SPECIFICATIONS



(Bundle with PC) Intel 12th Gen Alder Lake Core i7 12700K Processor - (OEM/Tray) (Fan Not Included)

Regular Price 38,300

Special Price 35,500

ID: 01.01.024.362

General

Brand	Intel
Series	Not Applicable
Model	Intel Core i7 12700K
Cpu Cooler	Not Included
Code-Name	Alder Lake
Generation	12th
Sockets Supported	LGA1700

Performance

Processor Type.	Core i7
Base Frequency	Not Applicable
Performance-Core Base Frequency	3.60GHz
Efficient-Core Base Frequency	2.70GHz
Turbo Frequency Max.	5.00GHz
Performance-Core Max Turbo Frequency	4.90GHz
Efficient-Core Max Turbo Frequency	3.80GHz
Core	12
Performance-Cores	8
Efficient-Cores	4
Threads	20
CPU Cache	25MB
L2 Cache	12MB
Bus Speed	Up to DDR5 4800MHz, Up to DDR4 3200MHz

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

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Processor Base Power 125W

Max. Turbo Power 190W

Lithography Intel 7

Memory Support

Memory Max. 128GB

Memory Type DDR4-3200MT/s, DDR5-4800MT/s

Memory Channel 2

ECC Memory Supported Yes

Graphics

Built-in GPU Yes

Processor Graphics Intel UHD Graphics 770

Graphics Base Frequency 300MHz

Graphics Dynamic Frequency Max. 1.50GHz

Graphics Resolution Max. 7680 x 4320 @ 60Hz

Technical Info

DirectX Support 12

OpenGL Support 4.5

Approx. Power Consumption 125W

Compatible Products Chipset: Intel B760, Intel Z690, Intel H770, Intel W680, Intel Q670, Intel H610, Intel H670, Intel B660

Warranty

Warranty Details 3 year

Others Graphics Output: eDP 1.4b, DP 1.4a, HDMI 2.1, Execution Units: 32, Max Resolution (HDMI): 4096 x 2160 @ 60Hz, Max Resolution (eDP - Integrated Flat Panel): 5120 x 3200 @ 120Hz, OpenCL Support: 3.0, Multi-Format Codec Engines: 2, Intel Gaussian & Neural Accelerator: 3.0, PCI Express Revision: 5.0 and 4.0.

Specialty ECC Memory Supported. Intel Quick Sync Video. Intel Clear Video HD Technology. Intel Thread Director. Intel Deep Learning Boost (Intel DL Boost). Intel Optane Memory Supported. Intel Speed Shift Technology. Intel Turbo Boost Max Technology 3.0. Intel Turbo Boost Technology 2.0. Intel Hyper-Threading Technology. Intel 64. Intel Threat Detection Technology (TDT). Intel Active Management Technology (AMT). Intel Control-Flow Enforcement Technology, Intel Virtualization Technology for Directed I/O (VT-d), Intel Total Memory Encryption.

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