

SPECIFICATIONS



(Bundle with PC) Intel 12th Gen Alder Lake Core i7 12700 2.10GHz-4.90GHz Processor (OEM/Tray)

Regular Price 36,460

Special Price 33,800

ID: 01.01.024.348

General

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

Performance

Processor Type.	Core i7
Base Frequency	Not Applicable
Performance-Core Base Frequency	2.10GHz
Efficient-Core Base Frequency	1.60GHz
Turbo Frequency Max.	4.90GHz
Performance-Core Max Turbo Frequency	4.80GHz
Efficient-Core Max Turbo Frequency	3.60GHz
Core	12
Performance-Cores	8
Efficient-Cores	4
Threads	20
CPU Cache	25MB
L2 Cache	12MB
Bus Speed	DDR4-3200MT/s, DDR5-4800MT/s

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.

Lithography Intel 7

Memory Support

Memory Max. 128GB

Memory Type DDR4, DDR5

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 65W

Compatible Products Chipset: Intel H770, Intel B760, Intel Z790, Intel W680, Intel Q670, Intel H610, Intel H670, Intel B660, Intel H610E, Intel Z690

Warranty

Warranty Details 3 Year (No Warranty for Fan or Cooler)

Others Max Memory Bandwidth: 76.8 GB/s, Multi-Format Codec Engines: 2, Processor Base Power: 65 W, Maximum Turbo Power: 180 W, Graphics Output: eDP 1.4b, DP 1.4a, HDMI 2.1, Execution Units: 32, Max Resolution (HDMI): 4096 x 2160 @ 60Hz, Max Resolution (DP): 7680 x 4320 @ 60Hz, Displays Supported: 4, Max of DMI Lanes: 8, Supported Cpu Cooler: PCG 2020C.

Specialty Intel Quick Sync Video: Yes, Intel Quick Sync Video: Yes, OpenCL Support: 2.1, Direct Media Interface (DMI) Revision: 4.0, PCI Express Revision: 5.0 and 4.0, Intel Gaussian & Neural Accelerator: 3.0, Intel Thread Director: Yes, Intel Deep Learning Boost (Intel DL Boost): Yes, Intel Optane Memory Supported: Yes, Intel Speed Shift Technology: Yes, Intel Turbo Boost Max Technology 3.0: Yes, Intel Turbo Boost Technology: 2.0, Intel Hyper-Threading Technology: Yes, Intel Virtualization Technology: Yes, Intel Virtualization Technology for Directed I/O (VT-d): Yes, Intel VT-x with Extended Page Tables (EPT): Yes, Thermal Monitoring Technologies: Yes, Intel Volume Management Device (VMD): Yes

Country Of Origin USA

Made in/ Assemble China

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