

SPECIFICATIONS



(Bundle with PC) Intel Core Ultra 9 285K Socket Processor - (OEM/Tray) (Fan Not Included)

Regular Price 76,490

Special Price 70,500

ID: 01.01.024.410

General

Brand	Intel
Series	Ultra Series 2
Model	Intel Core Ultra 9 285K
Cpu Cooler	Not Included
Code-Name	Formerly Arrow Lake
Generation	Ultra
Sockets Supported	LGA1851

Performance

Processor Type.	Core Ultra 9
Base Frequency	Not Applicable
Performance-Core Base Frequency	3.70GHz
Efficient-Core Base Frequency	3.20GHz
Turbo Frequency Max.	5.70GHz
Performance-Core Max Turbo Frequency	5.50GHz
Efficient-Core Max Turbo Frequency	4.60GHz
Core	24
Performance-Cores	8
Efficient-Cores	16
Threads	24
CPU Cache	36MB
L2 Cache	40MB
TDP	250W

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	250W
Lithography	TSMC N3B

Memory Support

Memory Max.	192GB
Memory Type	DDR5 - Up to 6400 MT/s
Memory Channel	Dual
ECC Memory Supported	Yes

Graphics

Built-in GPU	Yes
Processor Graphics	Intel Graphics
Graphics Base Frequency	300MHz
Graphics Dynamic Frequency Max.	2.00GHz
Graphics Video Memory Max.	7680 x 4320

Technical Info

DirectX Support	12
OpenGL Support	4.5
Approx. Power Consumption	250W
Compatible Products	Intel Z890 Chipset

Warranty

Warranty Details	3 year
Others	AI Software Frameworks Supported by CPU: OpenVINO, WindowsML, DirectML, ONNX RT, WebNN, CPU Lithography TSMC N3B, Graphics Output DP2.1 UHBR20, HDM2.1 FRL 12GHz, eDP1.4b, Xe-cores: 4, Max Resolution (HDMI): 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL), Max Resolution (DP): 8K @ 60Hz, Max Resolution (eDP - Integrated Flat Panel): 4K @ 60Hz, NPU Name: Intel AI Boost, NPU Peak TOPS (Int8) 13, Sparsity Support Yes, Windows Studio Effects Support Yes, AI Software Frameworks Supported by NPU: OpenVINO, WindowsML, DirectML, ONNX RT, WebNN, Direct Media Interface (DMI) Revision: 4, Max of DMI Lanes 8, Intel Thunderbolt 4 Yes, Scalability: 1S Only, PCI Express Revision 5.0 and 4.0, PCI Express Configurations Up to 1x16+2x4, 2x8+2x4, 1x8+4x4, Max of PCI Express Lanes 24, Sockets Supported FCLGA1851, Max Operating Temperature 105 Degree C

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Specialty

Advanced Technologies: Intel Volume Management Device (VMD), Intel Gaussian & Neural Accelerator 3.5, Intel Thread Director , Intel Speed Shift Technology, Intel Thermal Velocity Boost, Intel Turbo Boost Max Technology 3.0, Intel Turbo Boost Technology 2.0, Intel 64, Instruction Set 64-bit, Instruction Set Extensions, Intel SSE4.1, Intel SSE4.2, Intel AVX2, Idle States, Enhanced Intel SpeedStep Technology, Thermal Monitoring Technologies, Security & Reliability: Intel vPro Eligibility, Intel vPro Enterprise, Intel vPro Platform, Intel Threat Detection Technology (TDT), Intel Active Management Technology (AMT), Intel Standard Manageability (ISM), Intel Remote Platform Erase (RPE), Intel One-Click Recovery, Intel Hardware Shield Eligibility, Intel Control-Flow Enforcement Technology, Intel Total Memory Encryption - Multi Key, Intel AES New Instructions, Secure Key, Intel Trusted Execution Technology, Execute Disable Bit, Intel OS Guard, Intel Boot Guard, Mode-based Execute Control (MBEC), Intel Stable IT Platform Program (SIPP), Intel Virtualization Technology with Redirect Protection (VT-rp), Intel Virtualization Technology (VT-x), Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT)

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