

SPECIFICATIONS



(Bundle with PC) Intel Core Ultra 7 265K (Series 2, Formerly Arrow Lake) Up to 5.50GHz Processor - (Fan Not Included) (OEM/Tray)

Regular Price 40,690

Special Price 37,500

ID: 01.01.024.411

General

Brand	Intel
Series	Ultra Series 2
Model	Intel Core Ultra 7 265K
Cpu Cooler	Not Included
Code-Name	Formerly Arrow Lake
Generation	Ultra
Sockets Supported	LGA1851

Performance

Processor Type.	Core Ultra 7
Base Frequency	Not Applicable
Performance-Core Base Frequency	3.90GHz
Efficient-Core Base Frequency	3.30GHz
Turbo Frequency Max.	5.50GHz
Performance-Core Max Turbo Frequency	5.40GHz
Efficient-Core Max Turbo Frequency	4.60GHz
Core	20
Performance-Cores	8
Efficient-Cores	12
Threads	20
CPU Cache	30MB
L2 Cache	36MB
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 Resolution 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
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Others

AI Software Frameworks Supported by CPU: OpenVINO, WindowsML, DirectML, ONNX RT, WebNN, GPU Peak TOPS (Int8): 8, Graphics Output: DP2.1 UHBR20, HDMI2.1 FRL 12GHz, eDP1.4b, Xe-cores: 4, Max Resolution (HDMI): 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL), Max Resolution (eDP - Integrated Flat Panel): 4K @ 60Hz, OpenCL Support: 3, Displays Supported: 4, NPU Name: Intel AI Boost, NPU Peak TOPS (Int8): 13, AI Software Frameworks Supported by NPU: OpenVINO, WindowsML, DirectML, ONNX RT, WebNN, Direct Media Interface (DMI) Revision: 4, Max # of DMI Lanes: 8, 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, Thermal Solution Specification: PCG 2020A, Max Operating Temperature: 105 Degree C, Intel Gaussian & Neural Accelerator: 3.5, Intel Turbo Boost Technology: 2.0, Instruction Set: 64-bit, Instruction Set Extensions: Intel SSE4.1, Intel SSE4.2, Intel AVX2, Intel vPro Eligibility: Intel vPro Enterprise, Intel vPro Platform. 7680 x 4320 @60Hz (DP).

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Specialty

Intel Deep Learning Boost (Intel DL Boost) on CPU, Intel Quick Sync Video, Intel Deep Learning Boost (Intel DL Boost) on GPU, Sparsity Support, Windows Studio Effects Support, Intel Thunderbolt 4, Intel Volume Management Device (VMD), Intel Thread Director, Intel Speed Shift Technology, Intel Turbo Boost Max Technology 3.0, Intel 64 , Idle States, Enhanced Intel SpeedStep Technology, Thermal Monitoring Technologies, 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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