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CPU s1851 INTEL Intel Core Ultra 7 265K

Cena: 43.192,00 rsd.

Šifra:
Kategorija prozivoda: Intel procesori
Proizvođač: Intel



Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.

,Intel® Core™ Ultra 7 Processor 265K (30M Cache- up to 5.50 GHz)
Essentials
Product Collection,Intel® Core™ Ultra Processors (Series 2)
Code Name,Products formerly Arrow Lake
Vertical Segment,Desktop
Processor Number,265K
Overall Peak TOPS (Int8),33
CPU Specifications
Total Cores,20
of Performance-cores,8
of Efficient-cores,12
Total Threads,20
Max Turbo Frequency,5.5 GHz
Intel® Turbo Boost Max Technology 3.0 Frequency ‡,5.5 GHz
Performance-core Max Turbo Frequency,5.4 GHz
Efficient-core Max Turbo Frequency,4.6 GHz
Performance-core Base Frequency,3.9 GHz
Efficient-core Base Frequency,3.3 GHz
Cache,30 MB Intel® Smart Cache
Total L2 Cache,36 MB
Processor Base Power,125 W
Maximum Turbo Power,250 W
Intel® Deep Learning Boost (Intel® DL Boost) on CPU,Yes
AI Software Frameworks Supported by CPU,OpenVINO™ | WindowsML | DirectML | ONNX RT | WebNN
CPU Lithography,TSMC N3B
Supplemental Information
Marketing Status,Launched
Launch Date,Q4'24
Embedded Options Available,No
Use Conditions,PC/Client/Tablet | Workstation
Datasheet,View now
Memory Specifications
Max Memory Size (dependent on memory type),256 GB
Memory Types,Up to DDR5 6400 MT/s
Maximum Memory Speed,6400 MHz
Max # of Memory Channels,2
ECC Memory Supported ‡,Yes
GPU Specifications
GPU Name‡,Intel® Graphics
Graphics Base Frequency,300 MHz
Graphics Max Dynamic Frequency,2 GHz
GPU Peak TOPS (Int8),8
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
DirectX* Support	12
OpenGL* Support	4.5
OpenCL* Support	3
Intel® Quick Sync Video	Yes
# of Displays Supported ‡	4
Device ID	0x7D67
Intel® Deep Learning Boost (Intel® DL Boost) on GPU	Yes
NPU Specifications	
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
Expansion Options	
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
Package Specifications	
Sockets Supported	FCLGA1851
Thermal Solution Specification	PCG 2020A
Max Operating Temperature	105 °C
Advanced Technologies	
Intel® Gaussian & Neural Accelerator	3.5
Intel® Thread Director	Yes
Intel® Speed Shift Technology	Yes
Intel® Turbo Boost Max Technology 3.0 ‡	Yes
Intel® Turbo Boost Technology ‡	2.0
Intel® 64 ‡	Yes
Instruction Set	64-bit
Instruction Set Extensions	Intel® SSE4.1 | Intel® SSE4.2 | Intel® AVX2
Idle States	Yes
Enhanced Intel SpeedStep® Technology	Yes
Thermal Monitoring Technologies	Yes
Intel® Volume Management Device (VMD)	Yes
Security & Reliability	
Intel vPro® Eligibility ‡	Intel vPro® Enterprise
Intel® Threat Detection Technology (TDT)	Yes
Intel® Active Management Technology (AMT) ‡	Yes
Intel® Standard Manageability (ISM) ‡	Yes
Intel® Remote Platform Erase (RPE) ‡	Yes
Intel® One-Click Recovery ‡	Yes
Intel® Hardware Shield Eligibility ‡	Yes
Intel® Secure Key	Yes

Intel® Secure Key,Yes
Intel® Control-Flow Enforcement Technology,Yes
Intel® Total Memory Encryption - Multi Key,Yes
Intel® AES New Instructions,Yes
Intel® Trusted Execution Technology ‡,Yes
Execute Disable Bit ‡,Yes
Intel® OS Guard,Yes
Intel® Boot Guard,Yes
Mode-based Execute Control (MBEC),Yes
Intel® Stable IT Platform Program (SIPP),Yes
Intel® Virtualization Technology with Redirect Protection (VT-rp) ‡,Yes
Intel® Virtualization Technology (VT-x) ‡,Yes
Intel® Virtualization Technology for Directed I/O (VT-d) ‡,Yes
Intel® VT-x with Extended Page Tables (EPT) ‡,Yes