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CPU S1851 INTEL INTEL CORE ULTRA 7 265 5.3GHZ 30MB

Naziv:	CPU S1851 INTEL INTEL CORE ULTRA 7 265 5.3GHZ 30MB
Slika:	
Šifra:	#BM1711631757559983661
Barkod:	5032037282512
Proizvođač:	INTEL

Detalji

Kategorija:	PROCESORI
Oznake:	
Atributi:	KLASA PROCESORA: INTEL CORE ULTRA 7 PROCESORSKO LEŽIŠTE: S1851 BROJ JEZGARA PROCESORA: 20

Cena

Cena sa PDV:	57,121.80 RSD *WEB CENA 62,833.98 RSD *Cena za odloženo web plaćanje

Ostalo

Opis:

Intel® Core™ Ultra 7 Processor 265 (30M Cache, up to 5.30 GHz)

Essentials
Product Collection Intel® Core™ Ultra Processors (Series 2)
Code Name Product Arrow Lake-S
Vertical Segment Desktop
Processor Number 265
Lithography TSMC(N3B,N6)

CPU Specifications
Total Cores 20
# of Performance-cores 6
# of Efficient-cores 14
Total Threads 20
Max Turbo Frequency 5.3 GHz
Intel® Turbo Boost Max Technology 3.0 Frequency 5.6 GHz
Performance-core Base Turbo Frequency 5.3 GHz
Performance-core Base Frequency 3.3 GHz
Performance-core Base Frequency 4.8 GHz
Efficient-core Base Frequency 2.0 GHz
Cache Intel® Smart Cache
Total L2 Cache 30 MB
Processor Base Power 65 W
Maximum Turbo Power 250 W
Intel® Deep Learning Boost (Intel® DL Boost) on CPU Yes
OS Software Frameworks Supported Yes (TensorflowOS* | Windows10& | Linux& | ONNX RT | WebNN)
CPU Cache Size 30 MB

Supplemental Information
Embedded Options Available No
Launch Date Q1'25
Embedded Options Available No
Intel® Ethernet Controller Family Support Networking
Embedded Value Info

Memory Specifications
Max Memory Size (dependent on memory type) 256 GB
Memory Types DDR5 SODIMM
Max # of Memory Channels 2
ECC Memory Supported† Yes

GPU Specifications
Intel® Arc™ Graphics Options
Graphics Base Frequency 2.00 GHz
Graphics Max Dynamic Frequency 2.40 GHz
Graphics Output eDP
Graphics Video DDR 5 , DDR5X , LPDDR5 , LPDDR5X | 5600 , 7200 , 8000 | 128Pro , 256
Ext. Graphics
Max # of Displays Supported (dedicated graphics) (HDMI 2.1 FRL@ 24 @ 8bpc (HDMI)) 1 (FL)
Max Resolution (HDMI)† @ 60Hz
Max Resolution (eDP - Integrated Flat Panel)† @ 60Hz
Graphics Max Resolution
OpenGL* Support 4.5
OpenCL* Support 3
Intel® Quick Sync Video Yes
# of Display Supported 4.0
Direct3D (DX12)
Intel® Deep Learning Boost (Intel® DL Boost) on GPU Yes

NPU Specifications
Intel® AI Boost NPU Enabled
Max Input Tops (int8) 13
Speedy Support Yes
Intel® Deep Learning Boost Support Yes
OS Software Frameworks Supported Yes (TensorflowOS* | Windows10& | Linux& | ONNX RT | WebNN)

Expansion Options
Direct Media Interface (DMI) Revision 4
Max # of DMI lanes 8
Intel® Flex Bus Supported v1.2Yes
Scalability 1S Only
PCI Express Revision 5.0 and 4.0
Max # of PCI Express Lanes 20 (16 Gen5 | 4 Gen4)
Max # of PCI Express Lanes 28

Package Specifications
Sockets Supported LGA1851
TCASE Processor Case Temperature 0-0.1 (0.0)
Max Operating Temperature 105 °C

Advanced Technologies
Intel® Hyperscan & Hyperscan Hybrid Yes
Intel® Vector Add Yes
Intel® Speed Shift Technology Yes
Intel® Turbo Boost Max Technology 3.0 Yes
Intel® Thermal Velocity Boost Yes
Intel® AES-NI Yes
Instruction Set 64-bit
Intel® Streaming SIMD Extensions Intel® SSE4.1 | Intel® SSE4.2 | Intel® SSE4
VMX Yes
Enhanced Intel SpeedStep® Technology Yes
Intel® Hyper-Threading Technology Yes
Intel® Volume Management Device (VMD) Yes

Security & Reliability
Intel vPro® Eligibility Intel vPro® Enterprise
Intel® Threat Detection Technology (TDT) Yes
Intel® Boot Guard Technology Intel® BootGuard 5.1 Yes
Intel® Anti-Theft Manageability (AMT) Yes
Intel® Secure Platform Ease (SPE) 1 Yes
Intel® Secure Key Yes
Intel® Secure Key Yes
Intel® Control-Flow Enforcement Technology Yes
Intel® Trusted Execution Technology Yes
Intel® AES New Instructions Yes
Intel® Trusted Execution Technology Yes
Intel® Boot Guard Yes
Intel® Platform Trust Technology (PTT) Yes
Intel® Boot Guard Yes
Intel® Platform Firmware Resilience (PFR) Yes
Intel® Platform Firmware Resilience (PFR) Yes
Intel® Virtualization Technology with Redundant 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