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CPU S1700 INTEL CORE I5-12400 6-CORE 2.50GHZ TRAY

Naziv:	CPU S1700 INTEL CORE I5-12400 6-CORE 2.50GHZ TRAY
Slika:	
Šifra:	#BM17116317884911739 78
Barkod:	8592978355135
Proizvođač:	INTEL

Detalji

Kategorija:	PROCESORI
Oznake:	
Atributi:	BROJ JEZGARA PROCESORA: 6 PROCESORSKO LEŽIŠTE: INTEL® 1700 KLASA PROCESORA: INTEL® CORE™ I5

Cena

Cena sa PDV:	23,929.92 RSD *WEB CENA 26,322.91 RSD *Cena za odloženo web plaćanje

Ostalo

Opis:

Essentials

- Product Collection 12th Generation Intel® Core™ i5 Processors
- Code Name Products formerly Alder Lake
- Vertical Segment Desktop
- Processor Number i5-12400
- Status Launched
- Launch Date Q1'22
- Lithography Intel 7
- Use Conditions PC/Client/Tablet
-

CPU Specifications

- Total Cores 6
- # of Performance-cores 6
- # of Efficient-cores 0
- Total Threads 12
- Max Turbo Frequency 4.40 GHz
- Performance-core Max Turbo Frequency 4.40 GHz
- Performance-core Base Frequency 2.50 GHz
- Cache 18 MB Intel® Smart Cache

- Total L2 Cache 7.5 MB
- Processor Base Power 65 W

- Maximum Turbo Power 117 W

Supplemental Information

- Embedded Options Available Yes
- Datasheet View now

Memory Specifications

- Max Memory Size (dependent on memory type) 128 GB
- Memory Types Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s
- Max # of Memory Channels 2
- Max Memory Bandwidth 76.8 GB/s

Processor Graphics

- Processor Graphics ‡ Intel® UHD Graphics 730
- Graphics Base Frequency 300 MHz
- Graphics Max Dynamic Frequency 1.45 GHz
- Graphics Output eDP 1.4b, DP 1.4a, HDMI 2.1
- Execution Units 24
- Max Resolution (HDMI)‡ 4096 x 2160 @ 60Hz
- Max Resolution (DP)‡ 7680 x 4320 @ 60Hz
- Max Resolution (eDP - Integrated Flat Panel)‡ 5120 x 3200 @ 120Hz
- DirectX* Support 12
- OpenGL* Support 4.5
- OpenCL* Support 3.0
- Multi-Format Codec Engines 1
- Intel® Quick Sync Video Yes
- Intel® Clear Video HD Technology Yes
- # of Displays Supported ‡ 4
- Device ID 0x4692 / 0x4682

Expansion Options

- Direct Media Interface (DMI) Revision 4.0
- Max # of DMI Lanes 8
- Scalability 1S Only
- PCI Express Revision 5.0 and 4.0
- PCI Express Configurations ‡ Up to 1x16+4, 2x8+4
- Max # of PCI Express Lanes 20

Package Specifications

- Sockets Supported FCLGA1700
- Max CPU Configuration 1
- Thermal Solution Specification PCG 2020C
- $T_{JUNCTION}$ 100°C
- Package Size 45.0 mm x 37.5 mm

Advanced Technologies

- Intel® Gaussian & Neural Accelerator 3.0
- Intel® Thread Director No
- 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 ‡ No
- Intel® Turbo Boost Technology ‡ 2.0
- Intel® Hyper-Threading Technology ‡ Yes
- 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® Threat Detection Technology (TDT) Yes
- Intel® Standard Manageability (ISM) ‡ Yes
- Intel® Control-Flow Enforcement Technology Yes
- Intel® AES New Instructions Yes
- Secure Key Yes
- Intel® OS Guard Yes
- Execute Disable Bit ‡ Yes
- Intel® Boot Guard Yes
- Mode-based Execute Control (MBEC) 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