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CPU s1700 INTEL Core i5-12400 6-Core 2.50GHz Tray

Cena: 20.575,00 rsd.

Šifra:
Kategorija prozivoda: Intel procesori
Proizvođač: Intel



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

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.

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