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

Šifra: 30055

Kategorija proizvoda: Procesori

Proizvođač: INTEL

Cena: 23.215 rsd.



Essentials

Product Collection [12th Generation Intel® Core™ i5 Processors](#)

Vertical Segment Desktop

Status Launched

Lithography Intel 7

Recommended Customer Price \$192.00

Code Name [Products formerly Alder Lake](#)

Processor Number i5-12400

Launch Date Q1'22

Use Conditions PC/Client/Tablet

CPU Specifications

Total Cores 6

of Efficient-cores 0

Max Turbo Frequency 4.40 GHz

Performance-core Base Frequency 2.50 GHz

Total L2 Cache 7.5 MB

Maximum Turbo Power 117 W

of Performance-cores 6

Total Threads 12

Performance-core Max Turbo Frequency 4.40 GHz

Cache 18 MB Intel® Smart Cache

Processor Base Power 65 W

Supplemental Information

Embedded Options Available Yes

Datasheet [View now](#)

Memory Specifications

Max Memory Size (dependent on memory type) 128 GB

Max # of Memory Channels 2

Memory Types Up to DDR5 4800 MT/s

Up to DDR4 3200 MT/s

Max Memory Bandwidth 76.8 GB/s

Processor Graphics

Processor Graphics † Intel® UHD Graphics 730

Graphics Max Dynamic Frequency 1.45 GHz

Execution Units 24

Max Resolution (DP) ‡ 7680 x 4320 @ 60Hz

DirectX* Support 12

OpenCL* Support 3.0

Intel® Quick Sync Video Yes

of Displays Supported † 4

Graphics Base Frequency 300 MHz

Graphics Output eDP 1.4b, DP 1.4a, HDMI 2.1

Max Resolution (HDMI) ‡ 4096 x 2160 @ 60Hz

Max Resolution (eDP - Integrated Flat Panel) ‡ 5120 x 3200 @ 120Hz

OpenGL* Support 4.5

Multi-Format Codec Engines 1

Intel® Clear Video HD Technology Yes

Device ID 0x4692 / 0x4682

Expansion Options

Direct Media Interface (DMI) Revision 4.0

Scalability 1S Only

PCI Express Configurations † Up to 1x16+4, 2x8+4

Max # of DMI Lanes 8

PCI Express Revision 5.0 and 4.0

Max # of PCI Express Lanes 20

Package Specifications

Sockets Supported FCLGA1700

Thermal Solution Specification PCG 2020C

Package Size 45.0 mm x 37.5 mm

Max CPU Configuration 1

T_{JUNCTION} 100°C

Advanced Technologies

Intel® Gaussian & Neural Accelerator 3.0

Intel® Deep Learning Boost (Intel® DL Boost) Yes

Intel® Speed Shift Technology Yes

Intel® Turbo Boost Technology † 2.0

Intel® 64 † Yes

Instruction Set Extensions Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2

Enhanced Intel SpeedStep® Technology Yes

Intel® Thread Director No

Intel® Optane™ Memory Supported † Yes

Intel® Turbo Boost Max Technology 3.0 † No

Intel® Hyper-Threading Technology † Yes

Instruction Set 64-bit

Idle States Yes

Thermal Monitoring Technologies Yes