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Procesor 1700 Intel i5-12400 2.5 GHz Tray

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Šifra: 49300
Kategorija proizvoda: Procesori
Proizvođač: INTEL

Cena: **16.310,00**

Essentials

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

Code Name [Products formerly Alder Lake](#)

Vertical

Processor Number i5-12400

Status

Launch Date Q1'22

Lithogr

Use Conditions PC/Client/Tablet

Recom

CPU Specifications

Total Cores 6

of Performance-cores 6

of Ef

Total Threads 12

Max Tu

Performance-core Max Turbo Frequency 4.40 GHz

Perform

Cache 18 MB Intel® Smart Cache

Total L

Processor Base Power 65 W

Maxim

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 #

Max Memory Bandwidth 76.8 GB/s

Processor Graphics

Processor Graphics † Intel® UHD Graphics 730

Graphics Base Frequency 300 MHz

Graphi

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

Execut

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

Max Re

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

DirectX

OpenGL* Support 4.5

OpenC

Multi-Format Codec Engines 1

Intel®

Intel® Clear Video HD Technology Yes

of Di

Device ID 0x4692 / 0x4682

Expansion Options

Direct Media Interface (DMI) Revision 4.0

Max # of DMI Lanes 8

Scalabi

PCI Express Revision 5.0 and 4.0

PCI Exp

Max # of PCI Express Lanes 20

Package Specifications

Sockets Supported FCLGA1700

Max CPU Configuration 1

Therma

T_{JUNCTION} 100°C

Packag

Advanced Technologies

Intel® Gaussian & Neural Accelerator 3.0

Intel® Thread Director No

Intel®

Intel® Optane™ Memory Supported ‡ Yes

Intel®

Intel® Turbo Boost Max Technology 3.0 ‡ No

Intel®

Intel® Hyper-Threading Technology ‡ Yes

Intel®

Instruction Set 64-bit

Instruc

Idle States Yes

Enhanc

Thermal Monitoring Technologies Yes

Intel®

Security & Reliability

Intel® Threat Detection Technology (TDT) Yes

Intel® Standard Manageability (ISM) ‡ Yes

Intel®

Intel® AES New Instructions Yes

Secure

Intel® OS Guard Yes

Execut

Intel® Boot Guard Yes

Mode-b

Intel® Virtualization Technology (VT-x) ‡ Yes

Intel®

Intel® VT-x with Extended Page Tables (EPT) ‡ Yes

Yes