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CPU s1700 INTEL Core i5-12400F 6-cores 2.5GHz
Tray

Šifra:
Kategorija proizvoda: Intel procesori
Proizvođač: Intel

Cena: **12.994,00** rsd.

CPU s1700 INTEL Core i5-12400F 6-cores 2.5GHz Tray
Images subject to change without notice
Product Collection [12th Generation Intel® Core™ i5 Processors](#)
Code Name [Products formerly Alder Lake](#)
Vertical Segment Desktop
Processor Number i5-12400F
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 No
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

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

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® Standard Manageability (ISM) †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® Control-Flow Enforcement Technology 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