# CPU s1700 INTEL Core i5-12400F 2.5GHz Tray

Šifra: 26686
Kategorija prozivoda: Procesori
Proizvođač: INTEL

## Cena: 12.981 rsd.

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

Code Name [Products formerly Alder Lake](#)

Vertical SegmentDesktop

Processor Numberi5-12400F

StatusLaunched

Launch DateQ1'22

LithographyIntel 7

Use ConditionsPC/Client/Tablet

# CPU Specifications

Total Cores6

# of Performance-cores6

# of Efficient-cores0

Total Threads12

Max Turbo Frequency4.40 GHz

Performance-core Max Turbo Frequency4.40 GHz

Performance-core Base Frequency2.50 GHz

Cache18 MB Intel® Smart Cache

Total L2 Cache7.5 MB

Processor Base Power65 W

Maximum Turbo Power117 W

# Supplemental Information

Embedded Options AvailableNo

Datasheet[View now](#)

# Memory Specifications

Memory TypesUp to DDR5 4800 MT/s

Max Memory Size (dependent on memory type)128 GB

Up to DDR4 3200 MT/s

Max # of Memory Channels2

Max Memory Bandwidth76.8 GB/s

# Expansion Options

Direct Media Interface (DMI) Revision4.0

Max # of DMI Lanes8

Scalability1S Only

PCI Express Revision5.0 and 4.0

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

Max # of PCI Express Lanes20

# Package Specifications

Sockets SupportedFCLGA1700

Max CPU Configuration1

Thermal Solution SpecificationPCG 2020C

$T_{JUNCTION}$100°C

# Advanced Technologies

Intel® Gaussian & Neural Accelerator3.0

Intel® Thread DirectorNo

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

Intel® Optane™ Memory Supported ‡Yes

Intel® Speed Shift TechnologyYes

Intel® Turbo Boost Max Technology 3.0 ‡No

Intel® Turbo Boost Technology ‡2.0

Intel® Hyper-Threading Technology ‡Yes

Intel® 64 ‡Yes

Instruction Set64-bit

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

Idle StatesYes

Enhanced Intel SpeedStep® TechnologyYes

Thermal Monitoring TechnologiesYes

Intel® Volume Management Device (VMD)Yes

# Security & Reliability

Intel® Standard Manageability (ISM) ‡Yes

Intel® AES New InstructionsYes

Secure KeyYes

Intel® OS GuardYes

Execute Disable Bit ‡Yes

Intel® Boot GuardYes

Mode-based Execute Control (MBEC)Yes

Intel® Control-Flow Enforcement TechnologyYes

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