

CPU S1700 INTEL CORE I5-12400F 6-CORES 2.5GHZ TRAY

Naziv: CPU S1700 INTEL CORE I5-12400F 6-CORES 2.5GHZ TRAY

Slika:



Šifra: #BM1711631777290893198

Barkod: 0675901997188

Proizvođač: INTEL

Detalji

Kategorija: PROCESORI

Oznake:

Atributi: KLASA PROCESORA: INTEL® CORE™ I5
PROCESORSKO LEŽIŠTE: INTEL® 1700
BROJ JEZGARA PROCESORA: 6

Cena

Cena sa PDV: 13,965.05 RSD *WEB CENA
15,361.56 RSD *Cena za odloženo web plaćanje

Ostalo

Opis:

- 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
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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 AvailableNo
- Datasheet[View now](#)

Memory Specifications

- Max Memory Size (dependent on memory type)128 GB
- Memory TypesUp to DDR5 4800 MT/s
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
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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