

CPU S1700 INTEL CORE I5-12400 6-CORE 2.50GHZ TRAY

Naziv: CPU S1700 INTEL CORE I5-12400 6-CORE 2.50GHZ TRAY

Slika:



Šifra: #BM1711631733976299907

Barkod: 2024011000050

Proizvođač: INTEL

Detalji

Kategorija: PROCESORI

Oznake:

Atributi: BROJ JEZGARA PROCESORA: 6
PROCESORSKO LEŽIŠTE: INTEL® 1700
KLASA PROCESORA: INTEL® CORE™ I5**Cena**Cena sa PDV: 19,845.00 RSD *WEB CENA
21,829.50 RSD *Cena za odloženo web plaćanje**Ostalo**

Opis:

Essentials

- Product Collection [12th Generation Intel® Core™ i5 Processors](#)
- Code Name [Products formerly Alder Lake](#)
- Vertical Segment Desktop
- Processor Number i5-12400
- Status Launched
- Launch Date Q1'22
- Lithography Intel 7
- Use Conditions PC/Client/Tablet
- Recommended Customer Price\$192.00

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 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 # of Memory Channels 2
- Max Memory Bandwidth 76.8 GB/s

Processor Graphics

- Processor Graphics † Intel® UHD Graphics 730
- Graphics Base Frequency 300 MHz
- Graphics Max Dynamic Frequency 1.45 GHz
- Graphics Output eDP 1.4b, DP 1.4a, HDMI 2.1
- Execution Units 24
- Max Resolution (HDMI)‡ 4096 x 2160 @ 60Hz
- Max Resolution (DP)‡ 7680 x 4320 @ 60Hz
- Max Resolution (eDP - Integrated Flat Panel)‡ 5120 x 3200 @ 120Hz
- DirectX* Support 12
- OpenGL* Support 4.5
- OpenCL* Support 3.0
- Multi-Format Codec Engines 1
- Intel® Quick Sync Video Yes
- Intel® Clear Video HD Technology Yes
- # of Displays Supported † 4
- Device ID 0x4692 / 0x4682

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
- Package Size 45.0 mm x 37.5 mm

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® Threat Detection Technology (TDT) Yes
- Intel® Standard Manageability (ISM) ‡ Yes
- Intel® Control-Flow Enforcement Technology 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® Virtualization Technology (VT-x) ‡ Yes
- Intel® Virtualization Technology for Directed I/O (VT-d) ‡ Yes
- Intel® VT-x with Extended Page Tables (EPT) ‡ Yes