

Informacije o proizvodu (EN)

INTEL Core i3-12100 4-Core 3.30 GHz (4.30 GHz) procesor

intel®



Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/intel-core-i3-12100-4-core-330-ghz-430-ghz-procesor-akcija-cena/>



Intel® Core™ i3-12100 Processor

12M Cache, up to 4.30 GHz

Spec Code

SRL62

Ordering Code

CM8071504651012

| Intel® Core™ i3-12100 Processor (12M Cache- up to 4.30 GHz) | |
|---|--|
| Essentials | |
| Product Collection | 12th Generation Intel® Core™ i3 Processors |
| Code Name | Products formerly Alder Lake |
| Vertical Segment | Desktop |
| Processor Number | i3-12100 |
| Status | Launched |
| Launch Date | Q1'22 |
| Lithography | Intel 7 |
| Use Conditions | PC/Client/Tablet |
| Recommended Customer Price | \$122.00 - \$129.00 |
| CPU Specifications | |
| Total Cores | 4 |
| # of Performance-cores | 4 |
| # of Efficient-cores | 0 |
| Total Threads | 8 |
| Max Turbo Frequency | 4.30 GHz |
| <u>Performance-core Max Turbo Frequency</u> | <u>4.30 GHz</u> |
| <u>Performance-core Base Frequency</u> | <u>3.30 GHz</u> |
| <u>Cache</u> | <u>12 MB Intel® Smart Cache</u> |
| Total L2 Cache | 5 MB |
| Processor Base Power | 60 W |
| Maximum Turbo Power | 89 W |
| Supplemental Information | |
| Embedded Options Available | Yes |
| <u>Datasheet</u> | <u>View now</u> |
| Memory Specifications | |
| Max Memory Size (dependent on memory type) | 128 GB |
| <u>Memory Types</u> | <u>Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s</u> |
| 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 | 1.40 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 |
| Multi-Format Codec Engines | 1 |
| Intel® Quick Sync Video | Yes |
| Intel® Clear Video HD Technology | Yes |
| # of Displays Supported ‡ | 4 |
| Device ID | 0x4692 |
| OpenCL* Support | 2.1 |
| | |
| Expansion Options | |
| <u>Direct Media Interface (DMI) Revision</u> | <u>4</u> |
| 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 FCBGA1700 |
| Max CPU Configuration | 1 |
| Thermal Solution Specification | PCG 2020C |
| TJUNCTION | 100°C |
| Package Size | 45.0 mm x 37.5 mm |
| | |
| Advanced Technologies | |
| Intel® Gaussian & Neural Accelerator | 3 |
| 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 |
| Intel® Hyper-Threading 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 |
| 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 |

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| Security & Reliability | |
| 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 |

Ovaj dokument je originalno proizveden i objavljen od strane proizvođača, brenda Intel, i preuzet je sa njihove zvanične stranice. S obzirom na ovu činjenicu, Tehnoteka ističe da ne preuzima odgovornost za tačnost, celovitost ili pouzdanost informacija, podataka, mišljenja, saveta ili izjava sadržanih u ovom dokumentu.

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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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