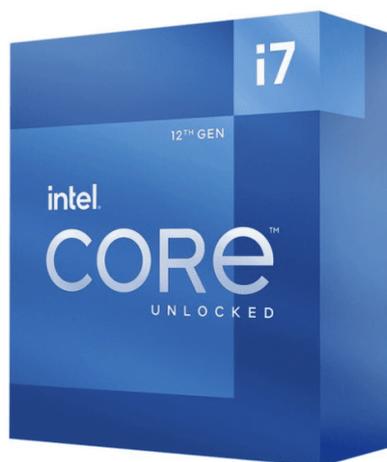


Informacije o proizvodu (EN)

INTEL Core i7-12700K 12-Core 2.70 GHz (5.00 GHz)
procesor

The Intel logo, consisting of the word "intel" in a blue, lowercase, sans-serif font, with a small blue square above the letter "i". A registered trademark symbol (®) is located to the right of the logo.

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-i7-12700k-12-core-270-ghz-500-ghz-procesor-akcija-cena/>

Intel Core i7-12700K processor 25 MB Smart Cache Box



Brand : Intel

Product family: Core

Product code:
BX8071512700K

Product name : Intel® Core™ i7-12700K Processor (25M Cache, up to 5.00 GHz)



Intel® Core™ i7-12700K Processor (25M Cache, up to 5.00 GHz)

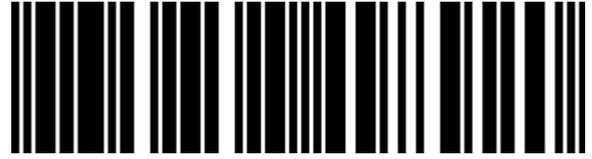
Intel Core i7-12700K. Processor family: Intel® Core™ i7, Processor socket: LGA 1700, Processor manufacturer: Intel. Memory channels: Dual-channel, Maximum internal memory supported by processor: 128 GB, Memory types supported by processor: DDR4-SDRAM, DDR5-SDRAM. On-board graphics card model: Intel UHD Graphics 770, On-board graphics card base frequency: 300 MHz, On-board graphics card dynamic frequency (max): 1500 MHz. Market segment: Desktop, Use conditions: PC/Client/Tablet, Workstation, PCI Express slots version: 5.0, 4.0. Intel® Turbo Boost Max Technology 3.0 frequency: 5 GHz

Processor		Features	
Processor manufacturer *	Intel	Thermal solution specification	PCG 2020A
Processor generation	12th gen Intel® Core™ i7	Harmonized System (HS) code	85423119
Processor model *	i7-12700K	Export Control Classification Number (ECCN)	5A992CN3
Processor family *	Intel® Core™ i7	Commodity Classification Automated Tracking System (CCATS)	G167599
Processor cores *	12	Processor special features	
Processor socket *	LGA 1700	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Component for	PC	Intel® Turbo Boost Technology	2.0
Processor threads	20	Intel® Quick Sync Video Technology	✓
Processor operating modes *	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Performance cores	8	Intel® AES New Instructions (Intel® AES-NI)	✓
Efficient cores	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	5 GHz	Intel Trusted Execution Technology	✓
Performance-core boost frequency	4.9 GHz	Intel® Speed Shift Technology	✓
Performance-core base frequency	3.6 GHz	Intel® Turbo Boost Max Technology 3.0 frequency	5 GHz
Efficient-core boost frequency	3.8 GHz	Intel® Total Memory Encryption	✓
Efficient-core base frequency	2.7 GHz	Intel® Control-flow Enforcement Technology (CET)	✓
Processor cache	25 MB	Intel® Thread Director	✓
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Box *	✓	Intel® Secure Key	✓
Processor base power	125 W	Intel® Active Management Technology (Intel® AMT)	✓
Maximum turbo power	190 W	Intel Stable Image Platform Program (SIPP)	✓
Bus type	DMI4	Intel® OS Guard	✓
Maximum number of DMI lanes	8	Intel 64	✓
Memory bandwidth supported by processor (max)	76.8 GB/s	Intel Virtualization Technology (VT-x)	✓
Processor codename	Alder Lake	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor ARK ID	134594	Intel Turbo Boost Max Technology 3.0	✓
Memory		Intel® Optane™ Memory Ready	✓
Maximum internal memory supported by processor	128 GB	Intel® Boot Guard	✓
Memory types supported by processor	DDR4-SDRAM, DDR5-SDRAM		
Memory channels *	Dual-channel		
ECC	✓		
Memory bandwidth (max)	76.8 GB/s		
Graphics			
On-board graphics card *	✓		
Discrete graphics card *	✗		
On-board graphics card model *	Intel UHD Graphics 770		
On-board graphics card base frequency	300 MHz		

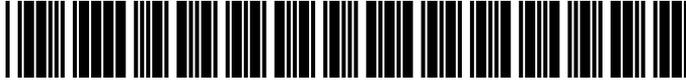
Graphics		Processor special features	
On-board graphics card dynamic frequency (max)	1500 MHz	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Number of displays supported (on-board graphics)	4	Intel® Volume Management Device (VMD)	✓
On-board graphics card DirectX version	12.0	Mode-based Execute Control (MBE)	✓
On-board graphics card OpenGL version	4.5	Intel® vPro™ Platform Eligibility	✓
On-board graphics card maximum resolution (DisplayPort)	7680 x 4320 pixels	Intel® Standard Manageability (ISM)	✓
On-board graphics card maximum resolution (eDP - Integrated Flat Panel)	5120 x 3200 pixels	Intel® One-Click Recovery	✓
On-board graphics card maximum resolution (HDMI)	4096 x 2160 pixels	Intel® Virtualization Technology with Redirect Protection (VT-rp)	✓
On-board graphics card refresh rate at maximum resolution (DisplayPort)	60 Hz	Intel vPro® Enterprise Platform Eligibility	✓
On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel)	120 Hz	Intel® Threat Detection Technology (TDT)	✓
On-board graphics card refresh rate at maximum resolution (HDMI)	60 Hz	Intel® Hardware Shield Eligibility	✓
On-board graphics card ID	0x4680	Intel® Total Memory Encryption - Multi Key	✓
Discrete graphics card model *	Not available		
Number of execution units	32		
Features		Operational conditions	
Execute Disable Bit	✓	Tjunction	100 °C
Idle States	✓	Technical details	
Thermal Monitoring Technologies	✓	Target market	Gaming, Content Creation
Market segment	Desktop	OpenCL version	2.1
Use conditions	PC/Client/Tablet, Workstation	Launch date	Q4'21
Maximum number of PCI Express lanes	20	Status	Launched
PCI Express slots version	5.0, 4.0	Packaging data	
PCI Express configurations	1x16+1x4, 2x8+1x4	Package type	Retail box
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0	Weight & dimensions	
Scalability	1S	Processor package size	45 x 37.5 mm
CPU configuration (max)	1	Other features	
Embedded options available	✗	Maximum internal memory	128 GB
		Graphics output	eDP 1.4b, DP 1.4a, HDMI 2.1



5032037233989



0735858498920



735858498920



0675901983563



675901983563

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

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.

Napominjemo da Tehnoteka nema ovlašćenje da izvrši bilo kakve izmene ili dopune na ovom dokumentu, stoga nismo odgovorni za eventualne greške, propuste ili netačnosti koje se mogu naći unutar njega. Tehnoteka ne odgovara za štetu nanесenu korisnicima pri upotrebi netačnih podataka. Ukoliko imate dodatna pitanja o proizvodu, ljubazno vas molimo da kontaktirate direktno proizvođača kako biste dobili sve detaljne informacije.

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:

<https://tehnoteka.rs/p/intel-core-i7-12700k-12-core-270-ghz-500-ghz-procesor-akcija-cena/>