

## Informacije o proizvodu (EN)

INTEL Core i9-14900F 24-Core 2.0 GHz (5.80 GHz)  
procesor Box



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.

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<https://tehnoteka.rs/p/intel-core-i9-14900f-24-core-20-ghz-580-ghz-procesor-box-akcija-cena/>

## Intel Core i9-14900F processor 36 MB Smart Cache Box

Brand : Intel

Product family: Core

Product code: BX8071514900F

Product name : i9-14900F



Boxed Intel® Core™ i9 processor 14900F (36M Cache, up to 5.80 GHz) FC-LGA16A  
 Intel Core i9-14900F. Processor family: Intel® Core™ i9, Processor socket: LGA 1700, Processor manufacturer: Intel. Memory channels: Dual-channel, Maximum internal memory supported by processor: 192 GB, Memory types supported by processor: DDR4-SDRAM, DDR5-SDRAM. Market segment: Desktop, Use conditions: PC/Client/Tablet, PCI Express slots version: 4.0, 5.0. Intel® Turbo Boost Max Technology 3.0 frequency: 5.6 GHz, Intel® Thermal Velocity Boost Frequency: 5.8 GHz. Processor package size: 45 x 37.5 mm

Processor		Features	
Processor manufacturer *	Intel	Export Control Classification Number (ECCN)	5A992C
Processor generation	Intel Core i9-14xxx	Commodity Classification Automated Tracking System (CCATS)	740.17B1
Processor model *	i9-14900F	<b>Processor special features</b>	
Processor family *	Intel® Core™ i9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores *	24	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 1700	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor threads	32	Enhanced Intel SpeedStep Technology	✓
Processor operating modes *	64-bit	Intel® Speed Shift Technology	✓
Performance cores	8	Intel® Thermal Velocity Boost	✓
Efficient cores	16	Intel® Adaptive Boost Technology	✓
Processor boost frequency	5.8 GHz	Intel® Turbo Boost Max Technology 3.0 frequency	5.6 GHz
Performance-core boost frequency	5.4 GHz	Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0	✓
Performance-core base frequency	2 GHz	Intel® Thermal Velocity Boost Frequency	5.8 GHz
Efficient-core boost frequency	4.3 GHz	Intel® Control-flow Enforcement Technology (CET)	✓
Efficient-core base frequency	1.5 GHz	Intel® Thread Director	✓
Processor cache	36 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Intel® Secure Key	✓
Box *	✓	Intel® OS Guard	✓
Cooler included *	✓	Intel 64	✓
Processor base power	65 W	Intel Virtualization Technology (VT-x)	✓
Maximum turbo power	219 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Stepping	B0	Intel Turbo Boost Max Technology 3.0	✓
Maximum number of DMI lanes	8	Intel® Boot Guard	✓
Memory bandwidth supported by processor (max)	89.6 GB/s	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Processor codename	Raptor Lake	Intel® Volume Management Device (VMD)	✓
Processor ARK ID	236853	Mode-based Execute Control (MBE)	✓
<b>Memory</b>		Intel® Standard Manageability (ISM)	✓
Maximum internal memory supported by processor	192 GB	<b>Operational conditions</b>	
Memory types supported by processor	DDR4-SDRAM, DDR5-SDRAM	Tjunction	100 °C
Memory channels *	Dual-channel		
Memory bandwidth (max)	89.6 GB/s		
<b>Graphics</b>			
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
<b>Features</b>			
Execute Disable Bit	✓		
Idle States	✓		

Features		Logistics data	
Thermal Monitoring Technologies	✓	Harmonized System (HS) code	8542310001
Market segment	Desktop	<b>Technical details</b>	
Use conditions	PC/Client/Tablet	Launch date	Q1'24
Maximum number of PCI Express lanes	20	Status	Launched
PCI Express slots version	4.0, 5.0	<b>Weight &amp; dimensions</b>	
PCI Express configurations	1x16+1x4, 2x8+1x4	Processor package size	45 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2	<b>Other features</b>	
Scalability	1S	L2 cache	32768 KB
CPU configuration (max)	1	Maximum internal memory	192 GB
Embedded options available	✗		
Direct Media Interface (DMI) Revision	4.0		



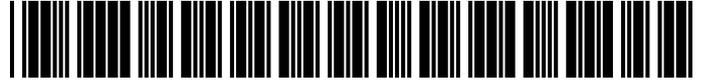
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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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