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## CPU s1700 INTEL Core i9-12900K 5.2GHz Box

Šifra: 23570  
 Kategorija proizvoda: Intel procesori  
 Proizvođač: INTEL

Cena: **51.392,00** din.



### Essentials

Product Collection [12th Generation Intel® Core™ i9 Processors](#)

Code Name [Products formerly Alder Lake](#)

Vertical

Processor Number [i9-12900K](#)

Status

Launch Date [Q4'21](#)

Lithogr

Use Conditions [PC/Client/Tablet](#)

Recom

### CPU Specifications

Total Cores [16](#)

# of Performance-cores [8](#)

# of Ef

Total Threads [24](#)

Max Tu

Intel® Turbo Boost Max Technology 3.0 Frequency [± 5.20 GHz](#)

Perform

Efficient-core Max Turbo Frequency [3.90 GHz](#)

Perform

Efficient-core Base Frequency [2.40 GHz](#)

Cache3

Total L2 Cache [14 MB](#)

Proces

Maximum Turbo Power [241 W](#)

### Supplemental Information

Embedded Options Available [No](#)

### Memory Specifications

Max Memory Size (dependent on memory type) [128 GB](#)

Memory Types [Up to DDR5 4800 MT/s](#)

Max #

Up to DDR4 [3200 MT/s](#)

Max Memory Bandwidth [76.8 GB/s](#)

### Processor Graphics

Processor Graphics [Intel® UHD Graphics 770](#)

Graphics Base Frequency [300 MHz](#)

Graphi

Graphics Output [eDP 1.4b, DP 1.4a, HDMI 2.1](#)

Execut

Max Resolution (HDMI) [±4096 x 2160 @ 60Hz](#)

Max Re

Max Resolution (eDP - Integrated Flat Panel) [±5120 x 3200 @ 120Hz](#)

DirectX

OpenGL\* Support [4.5](#)

Multi-F

Intel® Quick Sync Video [Yes](#)

Intel®

# of Displays Supported [±4](#)

Device

OpenCL\* Support [2.1](#)

### Expansion Options

Direct Media Interface (DMI) Revision4.0

Max # of DMI Lanes8

Scalabi

PCI Express Revision5.0 and 4.0

PCI Exp

Max # of PCI Express Lanes20

## Package Specifications

Sockets SupportedFCLGA1700

Max CPU Configuration1

Therma

TJUNCTION100°C

Packag

## Advanced Technologies

Intel® Gaussian & Neural Accelerator3.0

Intel® Thread DirectorYes

Intel®

Intel® Optane™ Memory Supported †Yes

Intel®

Intel® Turbo Boost Max Technology 3.0 †Yes

Intel®

Intel® Hyper-Threading Technology †Yes

Intel®

Intel® Virtualization Technology for Directed I/O (VT-d) †  
Yes

Intel®

Intel® 64 †Yes

Instruc

Instruction Set ExtensionsIntel® SSE4.1, Intel® SSE4.2,  
Intel® AVX2

Idle Sta

Enhanced Intel SpeedStep® TechnologyYes

Therma

Intel® Volume Management Device (VMD)Yes

## Security & Reliability

Intel® AES New InstructionsYes

Secure KeyYes

Intel®

Execute Disable Bit †Yes

Intel®

Mode-based Execute Control (MBE)Yes

Intel®