

Intel I9-12900KS 30M CACHE 3.4 GHZ BOXED Intel Core i9 (12th Gen)

SKU / Model: BX8071512900KS

Product overview

? Product Name Intel Core i9-12900KS Processor (BX8071512900KS) 12th Gen Alder Lake unlocked CPU with 16 cores (8P + 8E), 24 threads, 30MB Smart Cache, 3.4GHz base frequency, up to 5.5GHz turbo, LGA1700 socket, 150W TDP, and boxed packaging (no cooler)

? Product Overview The Intel Core i9-12900KS is the top-tier 12th Gen desktop processor built on Alder Lake architecture. It features a hybrid core design with 8 Performance cores and 8 Efficiency cores, totaling 16 cores and 24 threads. With support for DDR5 memory, PCIe Gen 5, and an unlocked multiplier for overclocking, it's ideal for gaming, content creation, and enthusiast builds. This boxed version does not include a cooler and requires discrete graphics.

? Top Highlights

- ? 16 Cores / 24 Threads
- Hybrid architecture (8P + 8E)
- ? 3.4GHz Base / Up to 5.5GHz Turbo
- Fastest consumer CPU turbo
- ? Unlocked Multiplier
- Overclocking support
- ? 30MB Smart Cache
- Accelerated access to frequently used data
- ? No Integrated Graphics
- Requires discrete GPU
- ? PCIe Gen 5 + DDR5 Support
- Future-ready platform
- ? Boxed Pack
- No cooler included
- ? Technical Details

Specification Details

Model Number	BX8071512900KS
Processor Series	Intel Core i9 (12th Gen)
Architecture	Alder Lake-S
Socket Type	LGA1700
Core Configuration	8 Performance + 8 Efficiency
Thread Count	24 Threads
Base Frequency	3.4GHz
Max Turbo Frequency	Up to 5.5GHz
Cache	30MB Intel Smart Cache
Memory Support	DDR5-4800 / DDR4-3200
PCIe Support	PCIe Gen 5.0 + Gen 4.0
TDP	150W
Integrated Graphics	None (requires discrete GPU)
Packaging	Retail Box (no cooler included)
Chipset Compatibility	Intel 600 Series (Z690, B660, H670)
Release Date	April 2022
Warranty	3 Years (via Intel)

? Why You Should Buy It

- ? Fastest 12th Gen consumer CPU
- ? Unlocked for overclocking flexibility
- ? PCIe Gen 5 and DDR5 support
- Ideal for high-end gaming and creative workloads
- ? Recommended Use Cases
- ? Extreme gaming rigs
- ? Creative and professional workstations
- ? Productivity desktops
- ? System integrator deployments
- ? Customer Assurance
- ? Warranty / Guarantee: Coverage available through Intel support
- ? Returns Policy: Returns accepted as per standard reseller terms and conditions
- ? Shipping Info: Delivery handled by reliable logistics partners with tracking support
- ? Customer Support: Assistance available via official support channels and authorized resellers

? Call to Action Push your desktop to the limit

the Intel i9-12900KS is built for peak performance and precision. Thanks for choosing YOUR TRUSTED IT PARTNER.

Specifications

Vendor Part Number: BX8071512900KS

UPC: 735858513289

Manufacturer: Intel

Category: Components

Subcategory: Processors

Product Type: Intel Processors

Unit of Measure: EA

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