

CPU AK1

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Intel Core i9-14900K

Description: Intel UHD Graphics 770

Class: Desktop | **Socket:** FCLGA1700

Total Cores: 24 Cores, 32 Threads

Performance Cores: 8 Cores, 16 Threads, 3.2 GHz Base, 6.0 GHz Turbo

Efficient Cores: 16 Cores, 16 Threads, 2.4 GHz Base, 4.4 GHz Turbo

Typical TDP: 125 W | **TDP Up:** 253 W

Cache per CPU Package:
L1 Instruction Cache: 8 x 32 KB
L1 Data Cache: 8 x 48 KB
L2 Cache: 8 x 2048 KB
L3 Cache: 36 MB

Cache per Eff. CPU Package:
Eff. L1 Instruction Cache: 16 x 64 KB
Eff. L1 Data Cache: 16 x 32 KB
Eff. L2 Cache: 4 x 4096 KB

Memory Support: Max. Memory Size: 192 GB (Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s, ECC Supported)

Other names: Intel(R) Core(TM) i9-14900K, Intel Core i9-14900K

CPU First Seen on Charts: Q4 2023

CPUmark/\$Price: 130.94

Overall Rank: 153rd fastest in multithreading out of 5406 CPUs

Average CPU Mark

Multithread Rating: **58595**

Single Thread Rating: **4697**

Samples: 9193*
*Margin for error: Low

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CPUS

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- Best Value (On Market)
Best Value XY Scatter
Best Value (All time)
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CPU Mark by Socket Type
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Top Gaming CPUs