



Intel Core i9 14900K 24 Core Processor, 32 Threads,
3.0GHz up to 5.8GHz Turbo Raptor Lake Socket LGA
1700 36MB Cache, 125W, Maximum Turbo Power
253W, Intel UHD 770 Graphics, No Cooler

Total Cores

24

No of Performance-cores

8

No of Efficient-cores

16

Total Threads

32

Max Turbo Frequency

5.80 GHz

Performance-core Max Turbo Frequency

6.0 GHz

Efficient-core Max Turbo Frequency

5.6 GHz

Performance-core Base Frequency

3.00 GHz

Efficient-core Base Frequency

4.4 GHz

Cache

36MB Intel Smart Cache

Total L2 Cache

32MB

Processor Base Power

125W

Maximum Turbo Power

253W

Max Memory Size (dependent on memory type)

192 GB

Memory Types

Up to DDR5 5600 MT/s

Up to DDR4 3200 MT/s

Max No of Memory Channels

2

Max Memory Bandwidth

89.6 GB/s

ECC Memory Supported

Yes

Processor Graphics

Intel UHD Graphics 770

Graphics Base Frequency

300 MHz

Graphics Max Dynamic Frequency

1.65 GHz

Graphics Output

eDP 1.4b, DP 1.4a, HDMI 2.1

Max Resolution (HDMI)

4096 x 2160 @ 60Hz

Max Resolution (DP)

7680 x 4320 @ 60Hz

Max Resolution (eDP - Integrated Flat Panel)

5120 x 3200 @ 120Hz

DirectX Support

12

OpenGL Support

4.5

OpenCL Support

3.0