

# CPU Benchmarks

Over 1,000,000 CPUs benchmarked

## High End CPUs - Intel vs AMD

This chart comparing high end CPUs is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. These are the high end AMD and Intel CPUs are typically those found in newer computers. The chart below compares the performance of Intel Xeon CPUs, Intel Core i7/i9 CPUs, AMD Ryzen/Threadripper CPUs and AMD Epyc with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

CPUS

High End

High Mid Range

Low Mid Range

Low End

Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

New Desktop

New Laptop

Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

CPU Mega List

Search Model

Compare

0

CPU Mark

Price Performance

PassMark - CPU Mark

High End CPUs

Updated 26th of February 2020

CPU	CPU Mark	Price (USD)
<a href="#">AMD Ryzen Threadripper 3990X</a>	55,444	\$3,899.99
<a href="#">AMD Ryzen Threadripper 3970X</a>	48,439	\$1,959.95
<a href="#">AMD EPYC 7742</a>	48,062	\$4,618.13
<a href="#">AMD Ryzen Threadripper 3960X</a>	46,232	\$1,631.84
<a href="#">AMD EPYC 7702P</a>	46,067	\$4,783.99
<a href="#">AMD EPYC 7452</a>	38,257	\$2,196.99
<a href="#">AMD Ryzen 9 3950X</a>	35,699	\$749.99
<a href="#">Intel Xeon W-3275M @ 2.50GHz</a>	34,638	\$7,453.00*
<a href="#">Intel Xeon W-3175X @ 3.10GHz</a>	33,538	\$3,082.94
<a href="#">AMD Ryzen 9 PRO 3900</a>	32,899	NA
<a href="#">Intel Xeon W-3265 @ 2.70GHz</a>	32,235	\$4,551.37*
<a href="#">AMD Ryzen 9 3900X</a>	31,959	\$479.95
<a href="#">Intel Xeon Platinum 8268 @ 2.90GHz</a>	31,689	\$6,005.98*
<a href="#">AMD EPYC 7302P</a>	30,994	\$903.99
<a href="#">AMD Ryzen 9 3900</a>	30,975	NA
<a href="#">Intel Core i9-10980XE @ 3.00GHz</a>	30,908	\$979.00*
<a href="#">Intel Xeon Gold 6254 @ 3.10GHz</a>	30,018	\$3,630.00
<a href="#">Intel Core i9-9980XE @ 3.00GHz</a>	29,689	\$2,409.00*
<a href="#">Intel Core i9-10940X @ 3.30GHz</a>	29,150	\$890.99*
<a href="#">Intel Xeon Platinum 8168 @ 2.70GHz</a>	29,131	\$5,890.00*
<a href="#">Intel Xeon Gold 6212U @ 2.40GHz</a>	28,917	\$2,000.00*
<a href="#">Intel Xeon Platinum 8173M @</a>	28,850	

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