



CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Multiple CPU Systems

This chart comparing multi CPU systems is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. This chart mainly compares Dual CPUs, Quad CPUs and 8-way CPUs such as the Intel Xeon and the AMD Opteron processors which can be placed in multiple socket motherboards. These multi-CPU's are commonly used in server machines that require high performance CPUs with intensive processing capabilities such as web servers, gateway servers, VM servers and online gaming servers.

Unlike the other charts, this chart is only comprised of V8 and V9 submissions. We have released one last chart for PerformanceTest V7, available [here](#).



CPU'S



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

CPU Mark

Price Performance

PassMark - CPU Mark

Multiple CPU Systems

Updated 26th of February 2020

| CPU | CPU Mark | Price (USD) |
|---|------------------------|------------------------------|
| [Dual CPU] AMD EPYC 7742 | 55,574 | \$9,236.26 |
| [Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz | 48,904 | NA |
| [Dual CPU] AMD EPYC 7542 | 46,721 | \$7,805.16 |
| [Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz | 44,139 | \$40,060.00* |
| [Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz | 43,943 | \$20,018.00* |
| [Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz | 43,870 | NA |
| [Quad CPU] Intel Xeon Gold 6140 @ 2.30GHz | 43,682 | \$11,455.00 |
| [Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz | 41,863 | \$13,199.96 |
| [Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz | 41,119 | \$12,011.96* |
| [Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz | 40,785 | \$15,199.96 |
| [Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz | 40,219 | \$7,260.00 |
| [Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz | 39,589 | \$11,780.00* |
| [Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz | 38,755 | \$6,599.98 |
| [Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz | 38,364 | \$8,978.00* |
| [Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz | 38,202 | \$9,220.00* |
| [Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz | 37,838 | \$ Privacy |