🏠 **CPU Benchmarks**   ▼

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 EPYC/Opteron processors which can be placed in multiple socket motherboards. These multi-CPUs 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.

CPU Mark	Price Performance

PassMark - CPU Mark

Multiple CPU Systems

Updated 19th of April 2022

CPU	CPU Mark	Price (USD)
[Dual CPU] AMD EPYC 7763	**119,198**	$15,399.98
[Dual CPU] AMD EPYC 7643	**115,676**	$10,849.98*
[Dual CPU] AMD Ryzen Threadripper PRO 3995WX	**115,240**	$13,615.96
[Dual CPU] AMD EPYC 7543	**103,492**	$7,522.00*
[Dual CPU] AMD EPYC 7H12	**100,817**	$13,388.00
[Dual CPU] AMD EPYC 7742	**99,760**	$10,092.00
[Dual CPU] AMD Ryzen Threadripper PRO 3975WX	**98,811**	$9,170.60
[Dual CPU] AMD EPYC 7662	**97,178**	$13,634.00*
[Dual CPU] AMD EPYC 7513	**96,378**	$5,680.00*
[Dual CPU] AMD EPYC 7713	**95,337**	$14,120.00*
[Dual CPU] AMD EPYC 74F3	**95,331**	$9,978.00*
[Dual CPU] AMD EPYC 75F3	**93,752**	NA
[Dual CPU] Intel Xeon Platinum 8368 @ 2.40GHz	**92,054**	$15,171.60*
[Dual CPU] AMD EPYC 7702	**91,878**	$9,000.00
[Dual CPU] Intel Xeon Platinum 8380 @ 2.30GHz	**91,484**	$17,956.00*
[Dual CPU] AMD EPYC 7552	**91,019**	$9,548.78
[Dual CPU] Intel Xeon Platinum 8375C @ 2.90GHz	**90,145**	NA
[Dual CPU] AMD EPYC 7443	**86,728**	NA
[Dual CPU] AMD EPYC 7453	**84,369**	$3,598.00*
[Dual CPU] AMD EPYC 7532	**82,917**	NA
[Dual CPU] Intel Xeon Platinum 8358 @ 2.60GHz	**82,565**	$10,195.50*
[Dual CPU] AMD EPYC 7502	**80,226**	$5,721.72

CPU	Score	Price
[Dual CPU] Intel Xeon Gold 6348 @ 2.60GHz	**75,574**	$6,346.00
[Dual CPU] AMD EPYC 7413	74,417	$3,995.98*

🏠 CPU Benchmarks ▼

CPU	Score	Price
[Dual CPU] AMD EPYC 7542	**72,534**	$7,000.00
[Dual CPU] Intel Xeon Gold 6336Y @ 2.40GHz	**72,276**	$7,700.68*
[Dual CPU] Intel Xeon Platinum 8352Y @ 2.20GHz	**68,643**	$10,439.00*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	**66,812**	NA
[Dual CPU] AMD EPYC 7352	**66,239**	$2,751.58
[Dual CPU] Intel Xeon Gold 5320 @ 2.20GHz	**65,979**	$3,583.98
[Dual CPU] AMD EPYC 7F52	**65,659**	$6,200.00*
[Dual CPU] Intel Xeon Gold 6354 @ 3.00GHz	**65,394**	$5,848.06*
[Dual CPU] AMD EPYC 7313	**65,213**	$2,359.98*
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	**64,291**	$17,740.92
[Dual CPU] Intel Xeon Gold 6258R @ 2.70GHz	**63,984**	$7,000.00
[Dual CPU] AMD Ryzen Threadripper PRO 3955WX	**63,885**	$3,937.80
[Dual CPU] Intel Xeon Gold 6330 @ 2.00GHz	**63,742**	$3,850.00
[Dual CPU] Intel Xeon Gold 6248R @ 3.00GHz	**62,565**	$6,190.00*
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	**61,751**	$19,010.00
[Dual CPU] Intel Xeon Silver 4316 @ 2.30GHz	**60,955**	$2,258.44
[Dual CPU] Intel Xeon Gold 6338N @ 2.20GHz	**58,730**	$5,982.00*
[Dual CPU] AMD EPYC 7402	**58,436**	$4,057.96
[Dual CPU] Intel Xeon Platinum 8171M @ 2.60GHz	**57,780**	NA
[Dual CPU] Intel Xeon Gold 6346 @ 3.10GHz	**57,318**	$4,598.00
[Dual CPU] AMD EPYC 7601	**56,790**	$1,799.88
[Dual CPU] Intel Xeon Gold 6240R @ 2.40GHz	**56,476**	$3,897.46
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	**56,326**	NA
[Dual CPU] Intel Xeon Gold 5220R @ 2.20GHz	**56,285**	$3,440.00
[Dual CPU] Intel Xeon Gold 6238R @ 2.20GHz	**56,183**	$5,334.00
[Dual CPU] AMD EPYC 7551	**55,708**	$5,948.24*
[Dual CPU] Intel Xeon Platinum 8260M @ 2.30GHz	**55,297**	$15,410.00*
[Dual CPU] AMD EPYC 7401	**55,280**	$5,797.90
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	**54,869**	$7,296.96
[Dual CPU] Intel Xeon Gold 6230R @ 2.10GHz	**54,605**	$3,784.00
[Dual CPU] Intel Xeon Gold 6326 @ 2.90GHz	**53,706**	$3,145.34*
[Quad CPU] Intel Xeon E5-4667 v4 @ 2.20GHz	**53,402**	$22,916.00*
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	**53,158**	$3,117.40*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	**53,093**	NA
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	**52,110**	$6,999.98
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	**52,011**	$15,789.90
[Dual CPU] Intel Xeon Platinum 8180M @ 2.50GHz	**51,439**	NA
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	**51,087**	$7,190.00
[Quad CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	**50,719**	$21,600.00*
[Dual CPU] Intel Xeon Platinum 8273CL @ 2.20GHz	**50,348**	NA
[Quad CPU] Intel Xeon E7-8880 v3 @ 2.30GHz	**50,157**	$532.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	**49,887**	$4,916.34
[Dual CPU] Intel Xeon Gold 6253CL @	49,872	NA

[Dual CPU] Intel Xeon Gold 6242R @ 3.10GHz	**49,621**	$4,963.98
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	49,416	$3,553.68

🏠 CPU Benchmarks ▼

[Quad CPU] Intel Xeon E7-4880 v2 @ 2.50GHz	**48,435**	$1,196.00*
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	**48,423**	NA
[Dual CPU] Intel Xeon Platinum 8252C @ 3.80GHz	**47,757**	NA
[Dual CPU] Intel Xeon Gold 6256 @ 3.60GHz	**46,837**	$7,680.92
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	**46,550**	NA
[Dual CPU] Intel Xeon Silver 4314 @ 2.40GHz	**45,889**	$2,059.98
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	**44,923**	$5,667.98
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	**44,399**	$5,587.90
[Dual CPU] AMD EPYC 7272	**44,270**	$1,327.98
[Dual CPU] Intel Xeon Gold 6230 @ 2.10GHz	**43,606**	$3,980.00
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	**42,867**	$6,226.44*
[Dual CPU] Intel Xeon E5-2699A v4 @ 2.40GHz	**42,615**	$9,876.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	**42,540**	$11,915.92
[Dual CPU] AMD EPYC 7302	**41,834**	$2,229.26
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	**41,780**	$2,996.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	**41,464**	$1,817.40*
[Dual CPU] Intel Xeon Gold 6226R @ 2.90GHz	**41,463**	$2,928.18
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	**41,443**	$3,279.90
[Dual CPU] Intel Xeon Gold 5218R @ 2.10GHz	**41,302**	$2,554.44
[Dual CPU] AMD EPYC 7F32	**41,230**	NA
[Dual CPU] Intel Xeon Silver 4310 @ 2.10GHz	**41,112**	$1,170.22
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	**40,310**	NA
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	**39,906**	$2,000.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	**38,527**	$1,748.00*
[Dual CPU] Intel Xeon Gold 6334 @ 3.60GHz	**38,308**	$5,140.82*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	**38,123**	$4,250.02
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	**37,381**	$4,196.00
[Dual CPU] Intel Xeon Gold 5315Y @ 3.20GHz	**37,309**	$2,535.36*
[Dual CPU] Intel Xeon Gold 6149 @ 3.10GHz	**37,240**	NA
[Quad CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	**37,208**	$878.80*
[Quad CPU] Intel Xeon E7-8867 v3 @ 2.50GHz	**36,908**	$18,688.00*
[Quad CPU] Intel Xeon E7-8857 v2 @ 3.00GHz	**36,304**	$15,352.00*
[Dual CPU] Intel Xeon Gold 6250 @ 3.90GHz	**35,978**	$6,800.58
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	**35,622**	$1,085.06
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	**35,480**	$3,540.00
[Dual CPU] Intel Xeon Gold 6130H @ 2.10GHz	**35,440**	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	**35,311**	$4,996.00*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	**35,233**	NA
[Dual CPU] Intel Xeon Silver 4309Y @ 2.80GHz	**34,984**	$1,904.00
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	**34,904**	$2,868.66
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	**34,823**	NA
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	**34,757**	$2,698.00*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	**34,336**	$996.62
[Dual CPU] AMD EPYC 7262	**34,227**	$1,143.90*
[Dual CPU] AMD EPYC 7301	**34,148**	$2,999.96*