

# CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

## CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results for [Single CPU Systems](#) and [Multiple CPU Systems](#) are listed separately.

Find CPU

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High End

High Mid Range

Low Mid Range

Low End

Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

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New Laptop

Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

Cross-Platform CPU Performance

CPU Mega List

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Common

Most Benchmarked

AMD vs Intel Market Share

Year on Year

Single CPU Systems

Multi CPU Systems

## Multi CPU Systems

Last updated on the 27th of October 2021

Column

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] <a href="#">AMD EPYC 7F52</a>	65,659	25	<a href="#">10.59</a>
[Dual CPU] <a href="#">AMD EPYC 7H12</a>	100,817	5	<a href="#">5.25</a>
[Dual CPU] <a href="#">AMD EPYC 75F3</a>	110,748	3	NA
[Dual CPU] <a href="#">AMD EPYC 7262</a>	34,227	87	<a href="#">15.85</a>
[Dual CPU] <a href="#">AMD EPYC 7272</a>	44,270	62	<a href="#">7.41</a>
[Dual CPU] <a href="#">AMD EPYC 7301</a>	34,148	88	<a href="#">11.38</a>
[Dual CPU] <a href="#">AMD EPYC 7302</a>	41,834	67	<a href="#">8.79</a>
[Dual CPU] <a href="#">AMD EPYC 7313</a>	65,213	26	<a href="#">30.11</a>
[Dual CPU] <a href="#">AMD EPYC 7351</a>	25,430	122	<a href="#">20.56</a>
[Dual CPU] <a href="#">AMD EPYC 7402</a>	58,436	34	<a href="#">11.84</a>
[Dual CPU] <a href="#">AMD EPYC 7413</a>	74,417	20	<a href="#">20.39</a>
[Dual CPU] <a href="#">AMD EPYC 7502</a>	80,226	17	<a href="#">11.15</a>
[Dual CPU] <a href="#">AMD EPYC 7532</a>	82,917	16	NA
[Dual CPU] <a href="#">AMD EPYC 7542</a>	72,534	21	<a href="#">8.86</a>
[Dual CPU] <a href="#">AMD EPYC 7543</a>	103,492	4	<a href="#">13.76</a>
[Dual CPU] <a href="#">AMD EPYC 7551</a>	55,708	38	<a href="#">7.43</a>
[Dual CPU] <a href="#">AMD EPYC 7552</a>	91,019	13	<a href="#">10.06</a>
[Dual CPU] <a href="#">AMD EPYC 7601</a>	58,733	33	<a href="#">6.48</a>
[Dual CPU] <a href="#">AMD EPYC 7662</a>	95,818	8	<a href="#">6.84</a>
[Dual CPU] <a href="#">AMD EPYC 7702</a>	91,878	11	<a href="#">7.13</a>

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] <a href="#">AMD EPYC 7142</a>	99,700	0	<a href="#">8.05</a>
[Dual CPU] <a href="#">AMD EPYC 7763</a>	119,707	2	<a href="#">7.59</a>
[Dual CPU] <a href="#">AMD Opteron 285</a>	1,441	334	<a href="#">28.87</a>
[Dual CPU] <a href="#">AMD Opteron 290</a>	1,430	335	<a href="#">5.30</a>
[Dual CPU] <a href="#">AMD Opteron 2220</a>	1,533	331	<a href="#">0.96</a>
[Dual CPU] <a href="#">AMD Opteron 2354</a>	3,242	321	<a href="#">5.68</a>
[Dual CPU] <a href="#">AMD Opteron 2356</a>	3,009	323	<a href="#">16.73</a>
[Dual CPU] <a href="#">AMD Opteron 2387</a>	4,105	310	NA
[Dual CPU] <a href="#">AMD Opteron 2427</a>	4,499	300	<a href="#">40.90</a>
[Dual CPU] <a href="#">AMD Opteron 2435</a>	4,377	306	<a href="#">199.85</a>
[Dual CPU] <a href="#">AMD Opteron 4284</a>	8,560	254	<a href="#">41.27</a>
[Dual CPU] <a href="#">AMD Opteron 4386</a>	7,934	261	<a href="#">16.55</a>
[Dual CPU] <a href="#">AMD Opteron 6134</a>	6,053	280	<a href="#">28.18</a>
[Dual CPU] <a href="#">AMD Opteron 6220</a>	7,984	259	<a href="#">324.28</a>
[Dual CPU] <a href="#">AMD Opteron 6234</a>	8,644	252	<a href="#">9.58</a>
[Dual CPU] <a href="#">AMD Opteron 6274</a>	10,313	232	<a href="#">11.37</a>
[Dual CPU] <a href="#">AMD Opteron 6276</a>	10,286	233	<a href="#">39.96</a>
[Dual CPU] <a href="#">AMD Opteron 6282 SE</a>	7,130	267	<a href="#">15.96</a>
[Dual CPU] <a href="#">AMD Opteron 6328</a>	9,827	238	<a href="#">3.07</a>
[Dual CPU] <a href="#">AMD Opteron 6366 HE</a>	10,265	234	<a href="#">14.92</a>
[Dual CPU] <a href="#">AMD Opteron 6376</a>	10,210	235	<a href="#">16.47</a>
[Dual CPU] <a href="#">AMD Opteron 6378</a>	10,758	226	<a href="#">3.15</a>
[Dual CPU] <a href="#">AMD Opteron 6380</a>	11,535	214	<a href="#">6.72</a>
[Dual CPU] <a href="#">AMD Opteron 6386 SE</a>	12,876	202	<a href="#">47.66</a>
[Dual CPU] <a href="#">AMD Opteron 8439 SE</a>	6,306	277	<a href="#">60.64</a>
[Dual CPU] <a href="#">AMD Ryzen Threadripper PRO 3975WX</a>	98,811	7	<a href="#">18.37</a>
[Dual CPU] <a href="#">AMD Ryzen Threadripper PRO 3995WX</a>	123,631	1	<a href="#">11.69</a>
[Dual CPU] <a href="#">Intel Xeon 3.06GHz</a>	533	339	NA
[Dual CPU] <a href="#">Intel Xeon 3.20GHz</a>	880	338	NA
[Dual CPU] <a href="#">Intel Xeon 3.40GHz</a>	902	337	NA
[Dual CPU] <a href="#">Intel Xeon 3.73GHz</a>	1,511	332	NA
[Dual CPU] <a href="#">Intel Xeon 5110 @ 1.60GHz</a>	1,289	336	<a href="#">18.42</a>
[Dual CPU] <a href="#">Intel Xeon 5120 @ 1.86GHz</a>	1,486	333	<a href="#">0.51</a>
[Dual CPU] <a href="#">Intel Xeon 5130 @ 2.00GHz</a>	1,581	330	<a href="#">16.14</a>
[Dual CPU] <a href="#">Intel Xeon 5140 @ 2.33GHz</a>	1,666	329	<a href="#">22.52</a>
[Dual CPU] <a href="#">Intel Xeon 5150 @ 2.66GHz</a>	1,884	328	<a href="#">30.39</a>
[Dual CPU] <a href="#">Intel Xeon 5160 @ 3.00GHz</a>	2,175	327	<a href="#">25.00</a>
[Dual CPU] <a href="#">Intel Xeon Bronze 3104 @ 1.70GHz</a>	7,980	260	<a href="#">18.14</a>
[Dual CPU] <a href="#">Intel Xeon Bronze 3206R @ 1.90GHz</a>	10,797	224	<a href="#">17.64</a>

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	6,850	208	<a href="#">13.75</a>
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	8,859	250	<a href="#">11.66</a>
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11,504	215	<a href="#">53.64</a>
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	9,418	247	<a href="#">21.55</a>
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	12,144	207	<a href="#">29.19</a>
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	9,635	242	<a href="#">149.24</a>
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	10,572	228	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	10,835	223	<a href="#">31.87</a>
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	13,818	193	<a href="#">13.82</a>
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16,273	179	<a href="#">81.37</a>
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11,627	212	<a href="#">89.44</a>
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	14,771	187	<a href="#">123.20</a>
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	19,686	159	<a href="#">82.03</a>
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	4,433	304	<a href="#">15.22</a>
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	4,969	292	<a href="#">36.01</a>
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	6,490	276	<a href="#">33.74</a>
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8,030	258	<a href="#">13.03</a>
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	5,930	282	<a href="#">43.10</a>
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	6,657	270	<a href="#">68.33</a>
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	8,394	255	<a href="#">52.54</a>
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10,198	236	<a href="#">11.33</a>
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	9,756	239	<a href="#">82.68</a>
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	10,856	221	<a href="#">92.00</a>
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	13,341	198	<a href="#">104.44</a>
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16,197	181	<a href="#">27.60</a>
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	12,077	208	<a href="#">24.16</a>
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	10,900	220	<a href="#">33.54</a>
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	10,668	227	<a href="#">86.12</a>
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	13,522	196	<a href="#">55.88</a>
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	17,337	171	<a href="#">113.33</a>
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	19,630	161	<a href="#">13.93</a>
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	12,020	209	<a href="#">34.16</a>
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	14,510	189	<a href="#">15.44</a>
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	12,180	206	<a href="#">101.51</a>
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	13,303	199	<a href="#">69.87</a>
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	13,528	195	<a href="#">9.80</a>
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	11,735	211	<a href="#">85.04</a>
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	12,898	201	<a href="#">93.46</a>
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	17,942	166	<a href="#">113.55</a>

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	9,755	240	<a href="#">10.53</a>
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	16,702	176	<a href="#">20.93</a>
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	17,778	169	<a href="#">1.95</a>
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	20,004	156	<a href="#">11.56</a>
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	11,267	218	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	12,813	203	<a href="#">92.85</a>
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	17,401	170	<a href="#">89.70</a>
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	18,967	163	<a href="#">61.99</a>
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	24,657	127	<a href="#">10.27</a>
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	9,926	237	<a href="#">71.93</a>
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14,264	192	<a href="#">90.28</a>
[Dual CPU] Intel Xeon E5-2650L v3 @ 1.80GHz	18,983	162	<a href="#">76.18</a>
[Dual CPU] Intel Xeon E5-2651 v2 @ 1.80GHz	16,028	182	<a href="#">28.82</a>
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	9,652	241	<a href="#">3.30</a>
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18,340	165	<a href="#">2.54</a>
[Dual CPU] Intel Xeon E5-2658 v3 @ 2.20GHz	22,573	142	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	27,797	111	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	14,280	191	<a href="#">103.48</a>
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18,375	164	<a href="#">116.29</a>
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22,863	139	<a href="#">72.82</a>
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	26,244	116	<a href="#">57.68</a>
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	14,576	188	<a href="#">92.25</a>
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	13,346	197	<a href="#">115.07</a>
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	21,339	150	<a href="#">60.99</a>
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	21,783	145	<a href="#">15.39</a>
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23,838	132	<a href="#">24.45</a>
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	15,729	184	<a href="#">99.55</a>
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	19,870	157	<a href="#">141.93</a>
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	23,085	138	<a href="#">92.34</a>
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	20,603	153	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22,767	140	<a href="#">16.26</a>
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	33,029	92	<a href="#">8.47</a>
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	25,611	121	<a href="#">75.33</a>
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	16,205	180	<a href="#">86.95</a>
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	20,640	152	<a href="#">72.17</a>
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25,328	123	<a href="#">71.55</a>
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	29,465	105	<a href="#">36.10</a>
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	25,071	125	<a href="#">48.22</a>
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	28,542	106	<a href="#">31.82</a>

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	17,848	167	<a href="#">46.07</a>
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	20,909	151	<a href="#">24.19</a>
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	23,798	133	<a href="#">55.34</a>
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	30,265	100	<a href="#">7.21</a>
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	16,529	177	<a href="#">45.22</a>
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	17,082	172	<a href="#">101.68</a>
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	22,378	144	<a href="#">65.82</a>
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	27,181	113	<a href="#">50.33</a>
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	34,334	86	<a href="#">33.80</a>
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	22,741	141	<a href="#">58.31</a>
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	31,824	97	<a href="#">55.21</a>
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	33,889	89	<a href="#">18.83</a>
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23,119	137	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	33,527	91	<a href="#">6.71</a>
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	44,009	63	<a href="#">7.86</a>
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23,861	131	<a href="#">62.14</a>
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28,380	107	<a href="#">48.93</a>
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	38,882	72	<a href="#">21.60</a>
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	37,023	77	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	31,504	98	<a href="#">1.64</a>
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	41,968	66	<a href="#">5.78</a>
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	35,164	84	<a href="#">29.48</a>
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	42,490	65	<a href="#">30.35</a>
[Dual CPU] Intel Xeon E5-2699A v4 @ 2.40GHz	47,699	57	<a href="#">4.83</a>
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	39,474	70	NA
[Dual CPU] Intel Xeon E5-4603 @ 2.00GHz	6,690	269	<a href="#">25.31</a>
[Dual CPU] Intel Xeon E5-4610 v4 @ 1.80GHz	15,084	185	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	11,387	217	<a href="#">158.68</a>
[Dual CPU] Intel Xeon E5-4620 @ 2.20GHz	11,474	216	<a href="#">72.62</a>
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	15,898	183	<a href="#">15.93</a>
[Dual CPU] Intel Xeon E5-4627 v3 @ 2.60GHz	20,294	154	<a href="#">4.23</a>
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	22,559	143	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	14,309	190	<a href="#">89.44</a>
[Dual CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	21,548	146	<a href="#">49.04</a>
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	29,759	104	<a href="#">2.76</a>
[Dual CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	25,966	118	<a href="#">118.41</a>
[Dual CPU] Intel Xeon E7-4807 @ 1.87GHz	6,223	279	<a href="#">72.77</a>
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	2,762	324	<a href="#">35.64</a>
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	3,534	319	<a href="#">44.19</a>

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[Dual CPU] <a href="#">Intel Xeon E5420 @ 2.50GHz</a>	3,955	312	<a href="#">1.81</a>
[Dual CPU] <a href="#">Intel Xeon E5430 @ 2.66GHz</a>	4,252	307	<a href="#">9.25</a>
[Dual CPU] <a href="#">Intel Xeon E5440 @ 2.83GHz</a>	4,468	303	<a href="#">58.81</a>
[Dual CPU] <a href="#">Intel Xeon E5450 @ 3.00GHz</a>	4,496	301	<a href="#">60.77</a>
[Dual CPU] <a href="#">Intel Xeon E5462 @ 2.80GHz</a>	4,416	305	<a href="#">80.87</a>
[Dual CPU] <a href="#">Intel Xeon E5472 @ 3.00GHz</a>	4,765	297	<a href="#">118.89</a>
[Dual CPU] <a href="#">Intel Xeon E5504 @ 2.00GHz</a>	3,292	320	<a href="#">25.37</a>
[Dual CPU] <a href="#">Intel Xeon E5506 @ 2.13GHz</a>	3,764	316	<a href="#">31.90</a>
[Dual CPU] <a href="#">Intel Xeon E5507 @ 2.27GHz</a>	4,010	311	<a href="#">20.05</a>
[Dual CPU] <a href="#">Intel Xeon E5520 @ 2.27GHz</a>	4,477	302	<a href="#">45.69</a>
[Dual CPU] <a href="#">Intel Xeon E5530 @ 2.40GHz</a>	5,096	289	<a href="#">84.96</a>
[Dual CPU] <a href="#">Intel Xeon E5540 @ 2.53GHz</a>	5,048	291	<a href="#">28.20</a>
[Dual CPU] <a href="#">Intel Xeon E5606 @ 2.13GHz</a>	3,593	318	<a href="#">36.66</a>
[Dual CPU] <a href="#">Intel Xeon E5607 @ 2.27GHz</a>	4,718	298	<a href="#">19.63</a>
[Dual CPU] <a href="#">Intel Xeon E5620 @ 2.40GHz</a>	6,528	274	<a href="#">163.19</a>
[Dual CPU] <a href="#">Intel Xeon E5630 @ 2.53GHz</a>	6,640	272	<a href="#">19.53</a>
[Dual CPU] <a href="#">Intel Xeon E5640 @ 2.67GHz</a>	7,292	264	<a href="#">64.99</a>
[Dual CPU] <a href="#">Intel Xeon E5645 @ 2.40GHz</a>	9,087	249	<a href="#">57.70</a>
[Dual CPU] <a href="#">Intel Xeon E5649 @ 2.53GHz</a>	9,439	245	<a href="#">36.58</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5118 @ 2.30GHz</a>	24,711	126	<a href="#">14.12</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5120 @ 2.20GHz</a>	28,331	108	<a href="#">9.07</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5122 @ 3.60GHz</a>	16,447	178	<a href="#">6.39</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5215 @ 2.50GHz</a>	27,736	112	<a href="#">10.68</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5217 @ 3.00GHz</a>	26,143	117	<a href="#">9.63</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5218 @ 2.30GHz</a>	35,454	82	<a href="#">16.88</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5220 @ 2.20GHz</a>	37,750	74	<a href="#">12.80</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5220R @ 2.20GHz</a>	56,592	37	<a href="#">17.34</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5222 @ 3.80GHz</a>	17,787	168	<a href="#">7.14</a>
[Dual CPU] <a href="#">Intel Xeon Gold 5315Y @ 3.20GHz</a>	37,309	75	<a href="#">17.98</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6128 @ 3.40GHz</a>	23,601	134	<a href="#">6.86</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6130 @ 2.10GHz</a>	35,564	81	<a href="#">9.80</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6130H @ 2.10GHz</a>	35,440	83	NA
[Dual CPU] <a href="#">Intel Xeon Gold 6132 @ 2.60GHz</a>	38,123	73	<a href="#">9.03</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6134 @ 3.20GHz</a>	28,312	109	<a href="#">7.45</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6136 @ 3.00GHz</a>	33,555	90	<a href="#">6.72</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6138 @ 2.00GHz</a>	44,406	61	<a href="#">14.80</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6142 @ 2.60GHz</a>	32,948	93	<a href="#">7.85</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6143 @ 2.80GHz</a>	46,550	58	NA
[Dual CPU] <a href="#">Intel Xeon Gold 6144 @ 3.50GHz</a>	27,972	110	<a href="#">4.89</a>

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] <a href="#">Intel Xeon Gold 6149 @ 3.10GHz</a>	37,240	70	NA
[Dual CPU] <a href="#">Intel Xeon Gold 6152 @ 2.10GHz</a>	49,437	53	<a href="#">18.11</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6154 @ 3.00GHz</a>	51,087	48	<a href="#">7.30</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6226 @ 2.70GHz</a>	30,206	101	<a href="#">10.11</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6226R @ 2.90GHz</a>	40,205	69	<a href="#">15.46</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6230 @ 2.10GHz</a>	42,780	64	<a href="#">11.08</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6230R @ 2.10GHz</a>	58,230	35	<a href="#">16.09</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6234 @ 3.30GHz</a>	30,063	102	<a href="#">7.07</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6238R @ 2.20GHz</a>	59,678	32	<a href="#">10.79</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6240 @ 2.60GHz</a>	49,304	54	<a href="#">16.55</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6240R @ 2.40GHz</a>	54,024	41	<a href="#">12.42</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6242 @ 2.80GHz</a>	26,490	115	<a href="#">6.34</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6244 @ 3.60GHz</a>	32,894	94	<a href="#">5.54</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6248R @ 3.00GHz</a>	62,712	29	<a href="#">11.40</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6254 @ 3.10GHz</a>	54,869	40	<a href="#">8.58</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6256 @ 3.60GHz</a>	46,454	59	<a href="#">5.50</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6258R @ 2.70GHz</a>	63,218	28	<a href="#">9.48</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6334 @ 3.60GHz</a>	39,381	71	<a href="#">7.85</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6336Y @ 2.40GHz</a>	72,276	22	<a href="#">16.23</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6342 @ 2.80GHz</a>	76,580	19	<a href="#">13.05</a>
[Dual CPU] <a href="#">Intel Xeon Gold 6348 @ 2.60GHz</a>	78,496	18	<a href="#">12.34</a>
[Dual CPU] <a href="#">Intel Xeon L5420 @ 2.50GHz</a>	3,933	313	<a href="#">71.51</a>
[Dual CPU] <a href="#">Intel Xeon L5430 @ 2.66GHz</a>	4,231	308	<a href="#">13.39</a>
[Dual CPU] <a href="#">Intel Xeon L5506 @ 2.13GHz</a>	3,706	317	<a href="#">14.82</a>
[Dual CPU] <a href="#">Intel Xeon L5520 @ 2.27GHz</a>	3,119	322	<a href="#">31.83</a>
[Dual CPU] <a href="#">Intel Xeon L5630 @ 2.13GHz</a>	4,777	296	<a href="#">25.14</a>
[Dual CPU] <a href="#">Intel Xeon L5638 @ 2.00GHz</a>	7,217	266	<a href="#">51.62</a>
[Dual CPU] <a href="#">Intel Xeon L5640 @ 2.27GHz</a>	8,605	253	<a href="#">25.31</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8124M @ 3.00GHz</a>	49,526	52	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8153 @ 2.00GHz</a>	32,180	96	<a href="#">5.17</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8160 @ 2.10GHz</a>	49,865	51	<a href="#">6.61</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8160M @ 2.10GHz</a>	53,158	43	<a href="#">3.45</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8168 @ 2.70GHz</a>	52,011	45	<a href="#">3.29</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8171M @ 2.60GHz</a>	57,780	36	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8173M @ 2.00GHz</a>	53,093	44	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8180 @ 2.50GHz</a>	61,751	30	<a href="#">3.45</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8180M @ 2.50GHz</a>	51,439	46	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8252C @ 3.80GHz</a>	47,757	56	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8253 @ 2.20GHz</a>	23,557	135	<a href="#">3.27</a>

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] <a href="#">Intel Xeon Platinum 8260M @ 2.30GHz</a>	55,297	39	<a href="#">3.59</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8273CL @ 2.20GHz</a>	50,348	49	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8275CL @ 3.00GHz</a>	66,812	24	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8280 @ 2.70GHz</a>	64,291	27	<a href="#">3.38</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8352Y @ 2.20GHz</a>	68,643	23	<a href="#">8.82</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8358 @ 2.60GHz</a>	83,847	15	<a href="#">9.41</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8368 @ 2.40GHz</a>	92,054	10	<a href="#">6.33</a>
[Dual CPU] <a href="#">Intel Xeon Platinum 8375C @ 2.90GHz</a>	90,419	14	NA
[Dual CPU] <a href="#">Intel Xeon Platinum 8380 @ 2.30GHz</a>	91,484	12	<a href="#">5.65</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4110 @ 2.10GHz</a>	16,711	175	<a href="#">17.44</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4112 @ 2.60GHz</a>	12,008	210	<a href="#">10.09</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4114 @ 2.20GHz</a>	21,378	149	<a href="#">17.84</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4116 @ 2.10GHz</a>	25,641	120	<a href="#">14.32</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4208 @ 2.10GHz</a>	19,751	158	<a href="#">22.04</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4210 @ 2.20GHz</a>	23,471	136	<a href="#">21.49</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4210R @ 2.40GHz</a>	25,218	124	<a href="#">26.83</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4214 @ 2.20GHz</a>	24,285	129	<a href="#">17.83</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4214R @ 2.40GHz</a>	30,290	99	<a href="#">21.64</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4215R @ 3.20GHz</a>	26,714	114	<a href="#">15.70</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4216 @ 2.10GHz</a>	29,792	103	<a href="#">15.51</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4309Y @ 2.80GHz</a>	34,984	85	<a href="#">31.09</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4310 @ 2.10GHz</a>	41,112	68	<a href="#">37.11</a>
[Dual CPU] <a href="#">Intel Xeon Silver 4316 @ 2.30GHz</a>	60,955	31	<a href="#">27.41</a>
[Dual CPU] <a href="#">Intel Xeon W5580 @ 3.20GHz</a>	6,270	278	<a href="#">9.65</a>
[Dual CPU] <a href="#">Intel Xeon W5590 @ 3.33GHz</a>	6,640	271	<a href="#">2.36</a>
[Dual CPU] <a href="#">Intel Xeon X5260 @ 3.33GHz</a>	2,389	326	<a href="#">91.89</a>
[Dual CPU] <a href="#">Intel Xeon X5355 @ 2.66GHz</a>	3,848	314	<a href="#">6.41</a>
[Dual CPU] <a href="#">Intel Xeon X5365 @ 3.00GHz</a>	4,149	309	<a href="#">32.94</a>
[Dual CPU] <a href="#">Intel Xeon X5450 @ 3.00GHz</a>	4,578	299	<a href="#">45.82</a>
[Dual CPU] <a href="#">Intel Xeon X5460 @ 3.16GHz</a>	4,842	294	<a href="#">72.61</a>
[Dual CPU] <a href="#">Intel Xeon X5470 @ 3.33GHz</a>	5,114	288	<a href="#">14.21</a>
[Dual CPU] <a href="#">Intel Xeon X5472 @ 3.00GHz</a>	4,858	293	<a href="#">10.80</a>
[Dual CPU] <a href="#">Intel Xeon X5482 @ 3.20GHz</a>	5,069	290	<a href="#">25.36</a>
[Dual CPU] <a href="#">Intel Xeon X5492 @ 3.40GHz</a>	5,270	287	<a href="#">1.89</a>
[Dual CPU] <a href="#">Intel Xeon X5550 @ 2.67GHz</a>	5,547	283	<a href="#">77.75</a>
[Dual CPU] <a href="#">Intel Xeon X5560 @ 2.80GHz</a>	5,486	284	<a href="#">55.98</a>
[Dual CPU] <a href="#">Intel Xeon X5570 @ 2.93GHz</a>	5,992	281	<a href="#">61.14</a>
[Dual CPU] <a href="#">Intel Xeon X5647 @ 2.93GHz</a>	8,135	257	<a href="#">204.09</a>
[Dual CPU] <a href="#">Intel Xeon X5650 @ 2.67GHz</a>	10,349	230	<a href="#">71.73</a>



CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8,512	200	<a href="#">450.38</a>
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	10,844	222	<a href="#">120.49</a>
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	8,746	251	<a href="#">97.20</a>
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	11,568	213	<a href="#">166.73</a>
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	9,486	244	<a href="#">43.12</a>
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	9,431	246	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	12,351	205	<a href="#">88.22</a>
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	9,275	248	<a href="#">30.93</a>
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	12,568	204	<a href="#">66.16</a>
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	4,803	295	<a href="#">11.82</a>
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	7,873	262	<a href="#">39.36</a>
[Quad CPU] AMD Opteron 885	2,696	325	NA
[Quad CPU] AMD Opteron 6174	11,266	219	<a href="#">0.75</a>
[Quad CPU] AMD Opteron 6276	10,763	225	<a href="#">20.91</a>
[Quad CPU] AMD Opteron 6278	13,733	194	<a href="#">15.35</a>
[Quad CPU] AMD Opteron 6376	25,678	119	<a href="#">20.71</a>
[Quad CPU] AMD Opteron 6378	13,236	200	<a href="#">1.94</a>
[Quad CPU] AMD Opteron 8356	5,397	286	<a href="#">6.65</a>
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16,902	174	<a href="#">117.77</a>
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	14,861	186	<a href="#">40.83</a>
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19,664	160	<a href="#">81.95</a>
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	23,940	130	<a href="#">74.82</a>
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	32,805	95	<a href="#">34.30</a>
[Quad CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	36,796	79	<a href="#">41.87</a>
[Quad CPU] Intel Xeon E5-4667 v4 @ 2.20GHz	53,402	42	<a href="#">2.33</a>
[Quad CPU] Intel Xeon E7-4880 v2 @ 2.50GHz	48,435	55	<a href="#">40.50</a>
[Quad CPU] Intel Xeon E7-8857 v2 @ 3.00GHz	36,304	80	<a href="#">2.36</a>
[Quad CPU] Intel Xeon E7-8867 v3 @ 2.50GHz	36,908	78	<a href="#">1.97</a>
[Quad CPU] Intel Xeon E7-8880 v3 @ 2.30GHz	50,157	50	NA
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	21,434	147	<a href="#">136.90</a>
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	24,434	128	<a href="#">1.22</a>
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6,491	275	<a href="#">19.09</a>
[Quad CPU] Intel Xeon E7340 @ 2.40GHz	6,544	273	<a href="#">52.78</a>
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9,555	243	<a href="#">23.89</a>
[Quad CPU] Intel Xeon E7530 @ 1.87GHz	7,231	265	<a href="#">32.87</a>
[Quad CPU] Intel Xeon E7540 @ 2.00GHz	10,376	229	<a href="#">32.84</a>
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	7,818	263	<a href="#">54.30</a>
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	16,969	173	<a href="#">71.90</a>

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