

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU Mega List

Below is a list of all single socket CPU types that appear in the charts. By clicking the column headings you can sort the CPUs, you can also filter your search by selecting one of the drop down categories or by using the range sliders. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.

Single CPU Systems *Last Updated: 18th of April 2021*

Columns

Show entries

CPU Name Search...	CPU Mark 5000 - Max...	Thread Mark Min... - Max...	TDP (W) Min... - Max...
Intel Xeon E3-1235L v5 @ 2.00GHz	5,013	1,761	25
Intel Xeon E5-2430L v2 @ 2.40GHz	5,014	668	60
AMD FX-8150 Eight-Core	5,016	1,383	125
Intel Xeon E5645 @ 2.40GHz	5,024	1,161	80
Intel Core i5-4670K CPT @ 3.40GHz	5,034	2,042	84
Intel Xeon E3-1220 v3 @ 3.10GHz	5,059	1,974	80
Apple A13 Bionic	5,061	2,040	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	5,062	1,695	25
Intel Xeon Bronze 3204 @ 1.90GHz	5,080	1,093	85
Intel Core i7-4702MQ @ 2.20GHz	5,086	1,681	37
Intel Core i7-3630QM @ 2.40GHz	5,093	1,687	45
Intel Core i7-4712HQ @ 2.30GHz	5,097	1,657	37
Intel Core i7-3610QM @ 2.30GHz	5,105	1,654	45
AMD FX-8370E Eight-Core	5,115	1,429	95
Intel Core i5-4590S @ 3.00GHz	5,117	2,073	65
Intel Core i5-7300HQ @ 2.50GHz	5,119	1,981	45
Qualcomm Technologies, Inc SM8250	5,121	2,327	NA
Intel Core i7-3610QE @ 2.30GHz	5,122	1,662	45
Intel Xeon X5672 @ 3.20GHz	5,123	1,574	95
Intel Core i7-4702HQ @ 2.20GHz	5,125	1,571	37
AMD Opteron 6272	5,146	737	115
Intel Xeon W-2102 @ 2.90GHz	5,149	1,764	120
Intel Core i5-5575R @ 2.80GHz	5,155	2,028	65
Intel Core i5-4570 @ 3.20GHz	5,157	2,024	84
Intel Core i5-6400 @ 2.70GHz	5,162	1,976	65
Intel Core i7-3615QM @ 2.30GHz	5,164	1,715	45

Intel Xeon E3-2450L @ 1.80GHz
CPU Name
Intel Pentium Gold 7505 @ 2.00GHz

CPU Mark
5000 - Max...

Thread Mark
Min... - Max...

TDP (W)
Min... - Max...

🏠 CPU Benchmarks ▼

Intel Core i7-4750HQ @ 2.00GHz	5,570	1,731	47
AMD Opteron 6376	5,572	1,165	115
Intel Core i5-4690K @ 3.50GHz	5,584	2,192	88
Intel Core i5-4690 @ 3.50GHz	5,598	2,203	84
Intel Core i7-2700K @ 3.50GHz	5,620	1,796	95
Intel Core i7-3820QM @ 2.70GHz	5,620	1,876	45
Intel Core i7-4722HQ @ 2.40GHz	5,620	1,844	37
AMD Opteron 6238	5,625	1,157	115
Intel Core i7-3740QM @ 2.70GHz	5,630	1,848	45
Intel Core i5-6600T @ 2.70GHz	5,637	2,127	35
Intel Core i3-9100T @ 3.10GHz	5,646	2,205	35
Intel Xeon D-1559 @ 1.50GHz	5,647	569	45
Intel Core i5-6500 @ 3.20GHz	5,657	2,129	65
Intel Core i7-3920XM @ 2.90GHz	5,659	1,901	55
Intel Core i5-5675C @ 3.10GHz	5,674	2,231	65
Intel Core i7-3720QM @ 2.60GHz	5,675	1,856	45
Intel Xeon E3-1205 v6 @ 3.00GHz	5,682	1,875	65
Intel Xeon E3-1220 v5 @ 3.00GHz	5,687	2,058	80
Intel Core i7-3940XM @ 3.00GHz	5,697	1,930	55
Intel Core i7-4720HQ @ 2.60GHz	5,699	1,864	47
Intel Core i3-9100TE @ 2.20GHz	5,705	2,042	35
Intel Core i5-7440EQ @ 2.90GHz	5,711	2,131	45
Intel Core i5-5675R @ 3.10GHz	5,726	2,246	65
Intel Core i5-1030NG7 @ 1.10GHz	5,734	1,737	10
Intel Xeon E5-2440 @ 2.40GHz	5,766	1,299	95
Intel Core i7-4710MQ @ 2.50GHz	5,770	1,896	47
AMD Opteron 4274 HE	5,776	1,060	65
Intel Core i7-3820 @ 3.60GHz	5,790	1,754	130
Intel Xeon X5650 @ 2.67GHz	5,794	1,307	95
Intel Core i3-8300T @ 3.20GHz	5,827	2,005	25
Intel Xeon E3-1225 v5 @ 3.30GHz	5,829	1,968	80
Intel Xeon E5-1410 v2 @ 2.80GHz	5,842	1,689	80
Intel Xeon E5-1620 @ 3.60GHz	5,864	1,775	130
AMD Ryzen 3 3300U	5,865	1,897	15
Intel Xeon E5-2430 @ 2.20GHz	5,867	1,234	95
AMD Opteron 6378	5,889	1,127	115
Intel Core i7-4800MQ @ 2.70GHz	5,900	1,960	47
Intel Core i7-5700EQ @ 2.60GHz	5,905	2,124	47
Intel Core i3-9300T @ 3.20GHz	5,927	2,312	35
Intel Xeon E5-2650L @ 1.80GHz	5,929	1,091	70
Intel Xeon D-1521 @ 2.40GHz	5,931	1,693	45
Intel Core i7-3840QM @ 2.80GHz	5,933	1,925	45
AMD FX-8350 Eight-Core	5,946	1,573	125
Intel Xeon E3-1275L v3 @ 2.70GHz	5,949	2,065	45
Intel Core i7-8550U @ 1.80GHz	5,952	2,081	15
Intel Xeon E5-2609 v4 @ 1.70GHz	5,974	1,078	85
Intel Core i7-5700HQ @ 2.70GHz	5,975	2,026	47
Intel Core i5-8250U @ 1.60GHz	5,976	1,956	15
Intel Core i5-8250U @ 1.60GHz	5,988	2,000	15

Intel Xeon X5675 @ 3.07GHz
CPU Name
Intel Core i7-8565U @ 1.80GHz

CPU Mark

5000 - Max...

Thread Mark

Min... - Max...

TDP (W)

Min... - Max...

CPU Benchmarks

Intel Core i5-8365U @ 1.60GHz	6,399	2,218	15
Intel Xeon E5-2608L v3 @ 2.00GHz	6,415	1,210	52
Intel Core i7-3770K @ 3.50GHz	6,416	2,070	77
Intel Core i3-8100B @ 3.60GHz	6,417	2,266	65
Intel Core i7-4960HQ @ 2.60GHz	6,423	2,147	47
Intel Core i7-4870HQ @ 2.50GHz	6,444	2,072	47
Intel Xeon E3-1286L v3 @ 3.20GHz	6,450	2,207	65
Intel Xeon E5-4610 @ 2.40GHz	6,460	1,401	95
Intel Core i7-4860HQ @ 2.40GHz	6,477	2,005	47
Intel Xeon E5-2420 v2 @ 2.20GHz	6,492	1,373	80
Intel Xeon E3-1265L v4 @ 2.30GHz	6,493	1,977	35
Intel Xeon E3-1280 V2 @ 3.60GHz	6,493	2,153	69
Intel Core i7-8650U @ 1.90GHz	6,495	2,194	15
Intel Core i5-10210U @ 1.60GHz	6,496	2,270	15
Intel Core i5-7640X @ 4.00GHz	6,497	2,479	112
Intel Xeon W3670 @ 3.20GHz	6,497	1,481	130
Intel Xeon E5-2637 v4 @ 3.50GHz	6,509	2,051	135
Intel Xeon E3-1270 V2 @ 3.50GHz	6,513	2,089	69
Intel Core i7-6700HQ @ 2.60GHz	6,515	1,911	45
Intel Xeon Bronze 3106 @ 1.70GHz	6,532	993	85
Intel Core i7-4820K @ 3.70GHz	6,544	1,935	130
Intel Core i7-8665U @ 1.90GHz	6,548	2,301	15
Intel Xeon E3-1290 V2 @ 3.70GHz	6,551	2,191	87
Intel Xeon E5-1620 v2 @ 3.70GHz	6,553	1,979	130
Intel Core i5-8279U @ 2.40GHz	6,558	2,244	28
Intel Xeon E5-1428L v2 @ 2.20GHz	6,566	1,321	60
Intel Core i7-8665UE @ 1.70GHz	6,587	2,491	15
Intel Xeon Platinum 8151 @ 3.40GHz	6,591	2,393	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	6,600	1,869	35
AMD Ryzen 3 PRO 2200G	6,622	2,073	65
AMD Ryzen 5 PRO 2500U	6,625	1,738	15
Intel Xeon Silver 4112 @ 2.60GHz	6,625	1,729	85
Intel Xeon E5-2623 v4 @ 2.60GHz	6,644	1,679	85
Intel Core i5-7600 @ 3.50GHz	6,662	2,489	65
Intel Xeon E5-2637 v2 @ 3.50GHz	6,666	1,899	130
AMD Ryzen 5 2500U	6,672	1,860	15
Intel Xeon X5680 @ 3.33GHz	6,674	1,465	130
Intel Xeon W3680 @ 3.33GHz	6,716	1,511	130
AMD FX-9590 Eight-Core	6,721	1,831	220
Intel Core i3-9100 @ 3.60GHz	6,727	2,550	65
Intel Core i7-980X @ 3.33GHz	6,729	1,523	130
AMD Ryzen 3 2200G	6,761	2,055	65
Intel Core i7-970 @ 3.20GHz	6,774	1,498	130
Intel Xeon E5-2448L v2 @ 1.80GHz	6,774	1,235	70
Intel Core i3-9100F @ 3.60GHz	6,781	2,527	65
Intel Xeon D-1528 @ 1.90GHz	6,806	1,296	35
Intel Xeon E3-1230 v3 @ 3.30GHz	6,815	2,085	80
Intel Core i7-4930MX @ 3.00GHz	6,821	2,193	57
AMD Ryzen 3 2200U	6,822	1,738	15