

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU Mega List

Below is a list of all single and multiple 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.

Last Updated: 10th of November 2022

Columns

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CPU Name	CPU Mark
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Intel Xeon E5-2420 @ 1.90GHz	5,101
MT6893	5,102
Intel Core i7-3630QM @ 2.40GHz	5,120
Intel Core i7-4702MQ @ 2.20GHz	5,123
Intel Core i5-4590S @ 3.00GHz	5,124
Intel Core i5-6440HQ @ 2.60GHz	5,129
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	5,129
Intel Core i7-3615QM @ 2.30GHz	5,140
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	5,146
Intel Core i5-6400 @ 2.70GHz	5,162
AMD FX-8310 Eight-Core	5,165
Samsung Exynos 2100	5,175
Star based on Qualcomm Technologies, Inc SM8350	5,192
Intel Xeon E3-1220 v3 @ 3.10GHz	5,195
Intel Core i5-4570 @ 3.20GHz	5,205
AMD Ryzen 5 3500C	5,208
Haydn based on Qualcomm Technologies, Inc SM8350	5,211
AMD FX-8150 Eight-Core	5,213
Intel Xeon E3-1230L v3 @ 1.80GHz	5,227
Intel Xeon E5649 @ 2.53GHz	5,229
Snapdragon 8c @ 2.46 GHz	5,230
Intel Core i5-4670R @ 3.00GHz	5,233
Intel Core i7-4712HQ @ 2.30GHz	5,239
AMD Opteron 6272	5,240
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	5,240
Intel Core i7-6822EQ @ 2.00GHz	5,241
Intel Xeon E5-1607 v4 @ 3.10GHz	5,245
Intel Core i3-8100T @ 3.10GHz	5,256
[Dual CPU] AMD Opteron 2435	5,260
Intel Xeon E5-2430L @ 2.00GHz	5,273

CPU Name

Apple A13 Bionic

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Dual CPU Intel Xeon X5687 @ 3.60GHz

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AMD Opteron 6274	5,286
Intel Xeon X5687 @ 3.60GHz	5,288
Intel Pentium Gold 7505 @ 2.00GHz	5,289
Intel Xeon E5-2620 @ 2.00GHz	5,290
Venus based on Qualcomm Technologies, Inc SM8350	5,290
Intel Xeon E3-1225 v3 @ 3.20GHz	5,292
Intel Core i7-4712MQ @ 2.30GHz	5,294
AMD FX-8300 Eight-Core	5,295
Vili based on Qualcomm Technologies, Inc SM8350	5,299
Intel Xeon E3-1505L v5 @ 2.00GHz	5,301
Intel Xeon E3-1240L v3 @ 2.00GHz	5,304
Intel Xeon E5-2630L @ 2.00GHz	5,305
AMD Opteron 6328	5,306
Intel Core i5-7500T @ 2.70GHz	5,310
Intel Core i7-4700MQ @ 2.40GHz	5,317
Intel Xeon E3-1245 @ 3.30GHz	5,320
AMD FX-8370E Eight-Core	5,331
Intel Pentium Silver N6005 @ 2.00GHz	5,339
Intel Core i5-4590 @ 3.30GHz	5,344
Intel Core i7-2600 @ 3.40GHz	5,345
Intel Xeon E5-2609 v4 @ 1.70GHz	5,351
Intel Xeon E3-1240 @ 3.30GHz	5,368
Intel Xeon E5-2418L v2 @ 2.00GHz	5,380
Intel Core i5-4690S @ 3.20GHz	5,389
Intel Core i5-6440EQ @ 2.70GHz	5,394
[Quad CPU] AMD Opteron 8356	5,397
Intel Xeon E3-1270 @ 3.40GHz	5,413
AMD Ryzen Embedded V1500B Quad-core @ 2.20GHz	5,417
vendor Kirin985	5,417
AMD FX-8320 Eight-Core	5,419
Intel Core i5-6402P @ 2.80GHz	5,428
Qualcomm Technologies, Inc SDM778G	5,435
Intel Xeon E5-1410 v2 @ 2.80GHz	5,436
Intel Core i5-760S @ 2.53GHz	5,440
Intel Xeon E3-1275 @ 3.40GHz	5,443
Intel Core i7-4702HQ @ 2.20GHz	5,444
Snapdragon 7325	5,447
MT6893Z_Z/CZA	5,458
Intel Core i7-4785T @ 2.20GHz	5,468
lisa based Qualcomm Technologies, Inc. SM7325	5,472
Intel Xeon E3-1268L v3 @ 2.30GHz	5,475
Intel Core i5-4670 @ 3.40GHz	5,478
Intel Core i7-2600K @ 3.40GHz	5,491
Intel Core i7-4860EQ @ 1.80GHz	5,500
Intel Core i5-7400 @ 3.00GHz	5,503
Intel Xeon E5-2643 @ 3.30GHz	5,506
Intel Core i7-4710HQ @ 2.50GHz	5,513
Intel Xeon E3-1226 v3 @ 3.30GHz	5,514
Intel Core i7-3770T @ 2.50GHz	5,516

Intel Core i7-3770U @ 2.50GHz

CPU Name

Intel Core i7-3615QE @ 2.30GHz

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Intel Core i5-4670K @ 3.40GHz	5,554
Intel Core i3-9100T @ 3.10GHz	5,565
AMD Opteron 6376	5,572
Intel Core i7-4750HQ @ 2.00GHz	5,580
Intel Core i5-7440HQ @ 2.80GHz	5,599
Intel Core i5-4690 @ 3.50GHz	5,603
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	5,606
Intel Xeon E3-1280 @ 3.50GHz	5,613
Intel Core i7-4700HQ @ 2.40GHz	5,616
Intel Core i7-4722HQ @ 2.40GHz	5,620
AMD Opteron 6238	5,625
Intel Core i5-5675C @ 3.10GHz	5,626
Intel Xeon E3-1220 v6 @ 3.00GHz	5,630
Intel Core i5-5675R @ 3.10GHz	5,631
Intel Core i7-2700K @ 3.50GHz	5,635
Intel Core i5-4690K @ 3.50GHz	5,641
Intel Core i5-6500 @ 3.20GHz	5,651
Intel Core i5-6600T @ 2.70GHz	5,655
MT6883Z/CZA	5,665
Intel Xeon E5-2430 @ 2.20GHz	5,670
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	5,674
Intel Core i7-3720QM @ 2.60GHz	5,681
Intel Xeon E3-1205 v6 @ 3.00GHz	5,682
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	5,696
MT6893Z D/CZA	5,701
Qualcomm Technologies, Inc SM8250	5,701
Intel Core i5-8365UE @ 1.60GHz	5,708
Intel Core i7-3740QM @ 2.70GHz	5,710
Intel Core i5-7440EQ @ 2.90GHz	5,711
Intel Xeon X5650 @ 2.67GHz	5,732
Intel Xeon E3-1220 v5 @ 3.00GHz	5,734
MT8195AV/ZA	5,735
Intel Core i7-4720HQ @ 2.60GHz	5,759
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	5,768
Intel Xeon Bronze 3106 @ 1.70GHz	5,769
AMD Ryzen 3 3300U	5,772
Intel Core i7-3820QM @ 2.70GHz	5,774
AMD Opteron 4274 HE	5,776
Microsoft SQ2 @ 3.15 GHz	5,776
vendor Kirin990	5,778
Intel Core i7-3920XM @ 2.90GHz	5,781
Intel Core i7-3820 @ 3.60GHz	5,783
MT6891	5,791
Intel Core i3-1115G4E @ 3.00GHz	5,810
Intel Core i3-8300T @ 3.20GHz	5,848
Intel Core i7-4710MQ @ 2.50GHz	5,850
Intel Core i5-1030NG7 @ 1.10GHz	5,858
Intel Core i7-4800MQ @ 2.70GHz	5,861
[Dual CPU] Intel Xeon E5-2680 @ 2.40GHz	5,866

[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz

CPU Name

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Intel Core i7-4770T @ 2.50GHz

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 CPU Benchmarks ▼

Intel Xeon E5-2450L @ 1.80GHz	5,880
Intel Pentium Gold G7400T	5,883
Intel Xeon W-2104 @ 3.20GHz	5,885
AMD Opteron 6378	5,889
Intel Xeon E5-2440 @ 2.40GHz	5,900
Intel Xeon E5-2430L v2 @ 2.40GHz	5,903
AMD Ryzen 3 3350U	5,904
Intel Core i5-8250U @ 1.60GHz	5,904
Intel Core i7-5700EQ @ 2.60GHz	5,905
MT6893Z_A/CZA	5,908
Intel Core i5-7600T @ 2.80GHz	5,917
Intel Core i7-3840QM @ 2.80GHz	5,921
Intel Xeon E5-2650L @ 1.80GHz	5,929
Intel Xeon E3-1225 v5 @ 3.30GHz	5,939
Intel Core i7-8550U @ 1.80GHz	5,955
AMD FX-9370 Eight-Core	5,963
Intel Core i7-3940XM @ 3.00GHz	5,970
Intel Core i7-5700HQ @ 2.70GHz	5,972
AMD Ryzen 3 PRO 2300U	5,977
Intel Core i5-8265UC @ 1.60GHz	5,988
Rockchip RK3588	5,998
AMD FX-8350 Eight-Core	6,006
Qualcomm Technologies, Inc SM8350	6,006
AMD Ryzen 3 PRO 2200GE	6,021
AMD Ryzen 3 2200GE	6,031
Intel Core i7-4810MQ @ 2.80GHz	6,040
Intel Core i3-8100B @ 3.60GHz	6,041
Intel Core i5-7500 @ 3.40GHz	6,048
AMD EPYC 3101 4-Core	6,050
[Dual CPU] AMD Opteron 6134	6,053
Intel Xeon E-2104G @ 3.20GHz	6,057
Intel Core i5-8265U @ 1.60GHz	6,058
Intel Xeon E5-2630 @ 2.30GHz	6,064
Intel Xeon E3-1275L v3 @ 2.70GHz	6,065
AMD Opteron 6344	6,069
SM8350	6,070
Intel Xeon X5670 @ 2.93GHz	6,071
Intel Xeon E5-2658 @ 2.10GHz	6,073
Intel Xeon E3-1268L v5 @ 2.40GHz	6,079
Intel Core i5-6600 @ 3.30GHz	6,084
Intel Xeon E3-1505L v6 @ 2.20GHz	6,088
Intel Core i7-5675C @ 3.10GHz	6,089
Intel Xeon X5660 @ 2.80GHz	6,089
Intel Core i7-4860HQ @ 2.40GHz	6,101
Intel Core i7-4900MQ @ 2.80GHz	6,113
Intel Core i7-4770HQ @ 2.20GHz	6,128
Intel Xeon E3-1265L v3 @ 2.50GHz	6,130
MT6891Z/CZA	6,134
MT6893Z_A/CZA	6,136

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MT6893Z /CZA

CPU Name

AMD EX-8370 Eight-Core

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Intel Core i3-8100 @ 3.60GHz	6,166
Snapdragon 8cx Gen 2 @ 3.15 GHz	6,171
Intel Xeon E3-1240L v5 @ 2.10GHz	6,173
AMD Ryzen 3 PRO 3300U	6,180
Intel Core i7-3770S @ 3.10GHz	6,182
Intel Core i7-8565UC @ 1.80GHz	6,187
Intel Xeon E3-1230 V2 @ 3.30GHz	6,199
Intel Xeon D-1622 @ 2.60GHz	6,205
Intel Core i5-8365U @ 1.60GHz	6,214
Intel Core i7-4910MQ @ 2.90GHz	6,220
[Dual CPU] Intel Xeon E7- 4807 @ 1.87GHz	6,223
Intel Core i3-8300 @ 3.70GHz	6,231
Intel Core i3-1115G4 @ 3.00GHz	6,232
vendor Kirin9000E	6,235
AMD Ryzen Embedded V1404I	6,241
AMD Opteron 6276	6,245
Intel Core i5-8350U @ 1.70GHz	6,247
Intel Core i7-8565U @ 1.80GHz	6,257
Intel Core i7-8665U @ 1.90GHz	6,257
Intel Xeon E5-2620 v2 @ 2.10GHz	6,260
Intel Xeon E5-2640 @ 2.50GHz	6,267
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	6,279
Intel Xeon E5-4617 @ 2.90GHz	6,298
Intel Core i7-4760HQ @ 2.10GHz	6,300
SM7325	6,302
Intel Xeon E5-2420 v2 @ 2.20GHz	6,306
[Dual CPU] AMD Opteron 6128	6,307
AMD Ryzen 3 1200	6,315
Intel Xeon E3-1240 V2 @ 3.40GHz	6,319
Intel Core i7-8650U @ 1.90GHz	6,321
Intel Xeon E3-1225 v6 @ 3.30GHz	6,323
Qualcomm Technologies, Inc SM8250_AC	6,323
Intel Core i5-6600K @ 3.50GHz	6,332
Intel Xeon E-2254ML @ 1.70GHz	6,333
Intel Xeon E3-1245 V2 @ 3.40GHz	6,336
Intel Core i5-10210U @ 1.60GHz	6,337
[Dual CPU] AMD Opteron 6128 HE	6,339
[Dual CPU] AMD Opteron 8439 SE	6,340
Intel Core i7-4850HQ @ 2.30GHz	6,345
AMD Ryzen 3 PRO 1200	6,347
taoyao based Qualcomm Technologies, Inc. Yupik IDP	6,359
Intel Xeon E5-2637 v2 @ 3.50GHz	6,371
AMD Opteron 6282 SE	6,385
Intel Core i7-3770 @ 3.40GHz	6,395
Intel Xeon D-1528 @ 1.90GHz	6,396
Intel Core i7-4870HQ @ 2.50GHz	6,403
MT6893Z/CZA	6,404
Intel Core i7-4790T @ 2.70GHz	6,406
Intel Xeon X5675 @ 3.07GHz	6,410

intel Xeon X5675 @ 3.07GHz

CPU Name

Intel Xeon E3-1270 V2 @ 3.50GHz

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Snapdragon 8cx Gen 2 @ 3.0 GHz	6,448
Intel Xeon E3-1286L v3 @ 3.20GHz	6,450
Intel Xeon W3670 @ 3.20GHz	6,455
Intel Xeon E5-4610 @ 2.40GHz	6,460
Intel Core i7-3770K @ 3.50GHz	6,464
Intel Xeon E3-1290 V2 @ 3.70GHz	6,470
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	6,474
Odin based on Qualcomm Technologies, Inc SM8350	6,479
Intel Core i7-4820K @ 3.70GHz	6,482

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- Notes:
- 1

Price is obtained from our affiliates. '*' after the price denotes the last seen price for products that are no longer available.
- 2

CPU Value is calculated by taking CPU Mark / Price.
- 3

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- 4

Power Performance is calculated by taking CPU Mark / TDP.
- 5

Test Date is the date of our first benchmark submission.

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