

# CPU

## Vysvětlení porovnání procesorů

V této příloze jsou uvedeny živé databáze výsledků a hodnoty se v nich mohou měnit v čase podle toho jak přibývají měření od uživatelů. V čase mezi podáním nabídky a jejím zhodnocením může dojít k poklesu výkonnosti, a tudíž nesplnění zadání, přitom v době odeslání nabídky mohla sestava zadání splňovat. Abychom zabránili této potencionální diskriminaci dodavatelů, přikládáme opis z výše uvedených stránek, který se tímto stává neměnným. Akceptujeme taktéž sestavu, u které dodá dodavatel nebo výrobce vlastní měření jako důkaz, že splňuje zadání.

Výkonnostní testy hodnotí server (výrobce, model, typ) jako celek. Pro potřeby tohoto výběrového řízení porovnáváme pouze procesory. Je tedy možné nabídnout libovolný typ serveru od výrobce nebo modelu, který v seznamu není uveden, ale obsahuje procesor s bodovým hodnocením splňující zadávací podmínky (včetně ostatních jako je spotřeba, velikost L3 cache, počet threadů na jádro, ...) od jiného výrobce serveru (či modelu nebo typu).

Tato příloha slouží jako uchování hodnocení výkonu jednotlivých procesorů na trhu dle veřejně dostupné databáze. Je určena pro orientaci dodavatelů, který procesor výkonnostně vyhovuje či nevyhovuje zadání a pro zvýšení transparentnosti soutěže.

Uspořádaný seznam procesorů, které svým výkonem odpovídají zadání, nemusí však odpovídat svým zapojením (Single, Dual, Quad) nebo ostatními parametry, ty je nutné ověřit na stránkách výrobce procesoru.

**Data byla z internetových databází získána dne 18.10.2024**

## CPU Benchmarks (PassMark)

Uspořádaný seznam procesorů, které svým výkonem odpovídají zadání, nemusí však odpovídat svým zapojením (Single, Dual, Quad) nebo ostatními parametry, ty je nutné ověřit na stránkách výrobce procesoru.

Adresa databáze: [https://www.cpubenchmark.net/CPU\\_mega\\_page.html](https://www.cpubenchmark.net/CPU_mega_page.html)

# CPU

URL: [https://www.cpubenchmark.net/CPU\\_mega\\_page.html](https://www.cpubenchmark.net/CPU_mega_page.html)

CPU Name	CPU Mark
AMD Ryzen Threadripper PRO 7995WX	152710
AMD Ryzen Threadripper PRO 7985WX	135597
AMD Ryzen Threadripper 7980X	134251
AMD EPYC 9684X	120760
AMD EPYC 9654	117317
AMD EPYC 9R14	116475
AMD EPYC 9654P	113949
AMD EPYC 9554	111794
AMD EPYC 9554P	110790
AMD EPYC 9634	107944
AMD EPYC 9474F	105213
AMD EPYC 9754	100460
Intel Xeon w9-3595X	100127
AMD Ryzen Threadripper 7970X	97943
AMD EPYC 9454P	95891
AMD Ryzen Threadripper PRO 7975WX	95583
AMD EPYC 9454	95495
AMD EPYC 9534	93884
AMD Ryzen Threadripper PRO 5995WX	93192
Intel Xeon w9-3495X	92481
AMD EPYC 7773X	91491
Intel Xeon Platinum 8470 @2.00GHz	89850
Intel Xeon Max 9480	87420
AMD EPYC 7J13	84786
AMD EPYC 7763	84193
Intel Xeon Platinum 8592+	84013
AMD Ryzen Threadripper PRO 3995WX	83697
AMD EPYC 7V13	82878
AMD Ryzen Threadripper 7960X	82791
AMD EPYC 7713	82666
AMD EPYC 7R13 64-Core	82158
AMD EPYC 7663	82087
AMD EPYC 7T83	81757
Intel Xeon w9-3575X	81519
AMD EPYC 7713P	81201
AMD Ryzen Threadripper 3990X	80659
AMD Ryzen Threadripper PRO 7965WX	80659
AMD EPYC 9374F	79826
AMD EPYC 7B13	77460
Intel Xeon w7-3565X	76649
AMD EPYC 9354P	76605
Intel Xeon 6740E	76167
AMD EPYC 7643	76050

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AMD Ryzen Threadripper PRO 5975WX	75609
Intel Xeon Platinum 8461V	74982
AMD EPYC 9274F	73463
AMD EPYC 7662	72298
AMD EPYC 8534P	71900
AMD EPYC 7C13	70474
AMD EPYC 7702	70107
AMD EPYC 7742	69663
AMD EPYC 7H12	69633
AMD EPYC 7573X	69432
AMD EPYC 75F3	68505
Intel Xeon Platinum 8571N	68385
AMD EPYC 9354	67842
AMD EPYC 9254	67343
AMD EPYC 7543P	66687
AMD Ryzen Threadripper PRO 5965WX	66686
AMD EPYC 8434P	66490
AMD Ryzen 9 9950X	66385
AMD EPYC 7B12	66044
Intel Xeon w7-3465X	65618
Intel Xeon Gold 6530	65533
Intel Xeon w9-3475X	65034
AMD EPYC 9334	64841
AMD EPYC 7R32	64727
AMD EPYC 7702P	63300
AMD Ryzen Threadripper 3970X	63105
AMD Ryzen 9 7950X	62732
AMD Ryzen Threadripper PRO 3975WX	62572
AMD Ryzen 9 7950X3D	62488
Intel Core i9-14900KS	62482
Intel Xeon Platinum 8454H	62347
Intel Xeon Platinum 8380 @ 2.30GHz	62318
AMD EPYC 4564P	61986
Intel Core i9-13900KS	61633
Intel Xeon w7-2575X	61402
AMD EPYC 7552	61282
AMD EPYC 7543	60901
AMD EPYC 74F3	60666
Intel Xeon Gold 6448Y	60449
Intel Xeon Gold 5512U	60365
Intel Core i9-14900K	60286
AMD EPYC 4584PX	60136
AMD Ryzen Threadripper PRO 7955WX	59861
Intel Core i9-14900KF	59491
AMD EPYC 7513	59285
AMD EPYC 7473X	59280

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Intel Core i9-13900K	59071
Intel Xeon W-3375 @ 2.50GHz	59069
Intel Xeon W-3365 @ 2.70GHz	59038
Intel Xeon Gold 6421N	58797
Intel Core i9-13900KF	58424
AMD EPYC 7642	58248
Intel Xeon w7-2495X	58228
Intel Xeon Gold 5420+	58209
AMD EPYC 7K62	58203
AMD Ryzen 9 7945HX3D	58107
Intel Core Ultra 9 285K	57582
Ampere ARM - 192 Core 3200 MHz	57444
Intel Xeon Gold 6423N	57434
ARM Neoverse-V2 72 Core 3465 MHz	57369
ARM Neoverse-V2 72 Core 3519 MHz	57240
Intel Xeon Gold 6414U	57200
Intel Xeon w7-3455	57164
AMD EPYC 8324P	57127
AMD EPYC 7443P	57088
Intel Xeon w5-2565X	56653
AMD EPYC 7443	56601
Intel Xeon Gold 6442Y	56263
Intel Xeon Platinum 8375C @ 2.90GHz	56202
AMD EPYC 9174F	55485
Intel Xeon w7-2475X	55249
AMD Ryzen Threadripper 3960X	54891
AMD Ryzen 9 7945HX	54711
AMD Ryzen 9 9900X	54664
Intel Xeon Platinum 8358 @ 2.60GHz	54416
Intel Xeon Platinum 8360Y @ 2.40GHz	54078
Intel Core i7-14700KF	53281
Intel Core i7-14700K	53271
AMD Ryzen 9 7940HX	52989
Intel Xeon Gold 6438N	52789
AMD EPYC 7532	52755
AMD EPYC 7F72	52597
Intel Xeon Gold 5412U	52557
Intel Xeon Gold 6348 @ 2.60GHz	52276
Intel Xeon w5-2555X	51912
AMD Ryzen 9 7900X	51733
Intel Core i9-13900F	51188
AMD EPYC 4484PX	51115
AMD EPYC 7502P	50667
AMD EPYC 7453	50575
AMD Ryzen 9 7900X3D	50385
AMD EPYC 9184X	50344

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Apple M2 Ultra 24 Core	50225
AMD EPYC 7413	50223
AMD Ryzen Threadripper PRO 5955WX	50096
AMD Ryzen Threadripper PRO 7945WX	49599
Intel Xeon Platinum 8347C @ 2.10GHz	49386
Montage Jintide C5418Y	49045
AMD EPYC 7R12	48934
AMD Ryzen 9 7900	48860
AMD EPYC 4464P	48793
Intel Core i9-14900	48044
Intel Xeon Gold 6314U @ 2.30GHz	48013
AMD EPYC 7502	47983
AMD Ryzen 9 PRO 7945	47830
Intel Core i9-14900F	47572
Intel Xeon Gold 6342 @ 2.80GHz	47320
Intel Core i9-13980HX	47267
Intel Core i9-13900	47146
Intel Xeon w7-3445	47108
Intel Xeon w5-2465X	46906
Intel Xeon Platinum 8368Q @ 2.60GHz	46681
Intel Core i7-13700KF	46520
Intel Core i7-13700K	46455
Intel Core i7-13790F	46309
Intel Xeon w5-3435X	46265
Intel Xeon Silver 4416+	46208
AMD EPYC 73F3	46103
Intel Xeon Gold 6526Y	46025
AMD EPYC 7402	46012
Intel Xeon W-3345 @ 3.00GHz	45694
Intel Core i9-14900HX	45680
AMD Ryzen 9 5950X	45620
AMD Ryzen 9 7845HX	45561
Intel Xeon Gold 6336Y @ 2.40GHz	45517
AMD EPYC 7542	45003
AMD EPYC 7452	44996
AMD EPYC 8224P	44990
Intel Xeon Gold 6538N	44895
AMD Ryzen 9 5900XT	44871
Intel Xeon Gold 5418Y	44487
Intel Core i9-13900HX	44154
Intel Core i9-13900T	44089
AMD EPYC 7402P	44070
Intel Core i9-12900KS	44010
AMD EPYC 9124	43963
Intel Core i7-14700F	43829
Intel Core i9-13950HX	43546

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AMD EPYC 7343	43368
Intel Core i7-14700	43309
ARM Neoverse-N1 128 Core 3000 MHz	43229
ARM Neoverse-N1 128 Core 2800 MHz	43111
Intel Xeon Gold 6330 @ 2.00GHz	43056
AMD EPYC 7D12	43032
AMD EPYC 9224	42448
Intel Xeon Gold 6312U @ 2.40GHz	42124
Intel Xeon Gold 6338N @ 2.20GHz	42086
Intel Xeon w5-2545	41688
AMD EPYC 7313P	41657
Intel Core i9-12900K	41479
Intel Xeon Gold 6354 @ 3.00GHz	41445
Apple M1 Ultra 20 Core	41176
Intel Core i9-12900KF	41118
Intel Xeon W-3275 @ 2.50GHz	40931
Apple M3 Max 16 Core	40856
Intel Xeon Platinum 8275CL @ 3.00GHz	40794
Intel Xeon Gold 6416H	40606
AMD Ryzen Threadripper PRO 5945WX	40568
AMD Ryzen Threadripper PRO 3955WX	40291
Intel Core i9-14900T	40277
Intel Xeon Gold 6258R @ 2.70GHz	40252
AMD EPYC 7F52	40251
AMD EPYC 7352	40096
Intel Xeon W-3275M @ 2.50GHz	39834
Intel Core i5-14600KF	39311
Intel Xeon W-3335 @ 3.40GHz	39293
AMD Ryzen 9 5900X	39116
AMD EPYC 7313	39091
Intel Core i5-14600K	39038
Intel Core i7-13700F	38860
AMD Ryzen 9 3950X	38748
Intel Xeon Platinum 8180 @ 2.50GHz	38259
Intel Xeon Gold 6426Y	38159
AMD EPYC 7551P	38126
Intel Core i7-13850HX	38006
Intel Core i5-13600K	37950
Intel Xeon w5-2455X	37857
Intel Core i5-13600KF	37816
Intel Xeon Gold 6346 @ 3.10GHz	37665
Intel Xeon Gold 5320 @ 2.20GHz	37558
Intel Xeon Gold 6238R @ 2.20GHz	37511
AMD Ryzen 7 9700X	37422
Intel Core i7-14700HX	37369
Intel Xeon W-3175X @ 3.10GHz	37167

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Intel Core i7-13700	37009
Intel Xeon w5-3425	36801
Intel Core i7-14650HX	36695
Apple M3 Max 14 Core	36516
AMD EPYC 8124P	36470
Intel Core i9-12900F	36430
Intel Xeon Gold 6330N @ 2.20GHz	36360
Intel Xeon Gold 6248R @ 3.00GHz	36186
AMD EPYC 4364P	36124
AMD Ryzen 7 7700X	36015
Intel Xeon Gold 5416S	35976
Intel Xeon Platinum 8273CL @ 2.20GHz	35769
AMD Ryzen AI 9 HX 370	35310
Intel Xeon Gold 6326 @ 2.90GHz	35270
Intel Core i9-12900TE	35057
Intel Core i5-14600	34870
Intel Xeon w5-3433	34849
Intel Core i7-13700E	34728
AMD Ryzen 7 PRO 7745	34652
ARM Neoverse-N1 80 Core 3000 MHz	34639
AMD Ryzen 7 7700	34620
Intel Core i7-12700K	34607
AMD Ryzen 9 PRO 5945	34573
Intel Xeon Gold 6268CL @ 2.80GHz	34558
Intel Xeon Platinum 8268 @ 2.90GHz	34483
AMD EPYC 4344P	34474
AMD Ryzen 9 5900	34392
Intel Core i7-12700KF	34340
Intel Core i9-12900	34287
Intel Xeon Gold 6242R @ 3.10GHz	34282
AMD Ryzen 7 7800X3D	34275
Intel Xeon Silver 4510	34170
AMD EPYC 7601	34079
Intel Core i9-12900HX	34066
Intel Core i9-13900E	34049
Intel Xeon Platinum 8260M @ 2.30GHz	33970
Intel Xeon Gold 6338 @ 2.00GHz	33814
Intel Xeon W-3265M @ 2.70GHz	33800
Intel Xeon D-2799 @ 2.40GHz	33792
Intel Core i7-13700HX	33629
Intel Xeon Gold 6230R @ 2.10GHz	33608
AMD Ryzen Threadripper PRO 3945WX	33535
Intel Xeon Gold 6240R @ 2.40GHz	33353
Intel Xeon Gold 5318Y @ 2.10GHz	33283
AMD EPYC 7302	33106
Intel Xeon Platinum 8168 @ 2.70GHz	33099

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Intel Xeon Gold 6278C @ 2.60GHz	32835
Intel Core i9-10980XE @ 3.00GHz	32796
Intel Xeon Platinum 8280 @ 2.70GHz	32781
Intel Xeon Gold 5220R @ 2.20GHz	32765
AMD Ryzen 9 3900XT	32675
AMD Ryzen 7 7745HX	32670
AMD EPYC 7302P	32626
AMD Ryzen 9 3900X	32624
Intel Core i5-14500	32384
Intel Core i9-12950HX	32332
AMD Ryzen Threadripper 2990WX	32161
Intel Core i5-13600	32148
Intel Xeon w5-2445	32143
Intel Core i7-12800HX	32140
Intel Core i7-14700T	32050
Intel Core i9-9980XE @ 3.00GHz	31979
AMD Ryzen 7 PRO 8700G	31897
Intel Core i5-13500	31871
AMD Ryzen 7 8700G	31722
Intel Xeon Gold 5320H @ 2.40GHz	31718
AMD Ryzen 9 PRO 3900	31616
AMD Ryzen 9 PRO 8945HS	31601
Intel Core i9-13900HK	31590
Intel Xeon Gold 6254 @ 3.10GHz	31513
Intel Core i7-13650HX	31416
Intel Xeon Silver 4316 @ 2.30GHz	31341
Intel Xeon Platinum 8259CL @ 2.50GHz	31142
AMD EPYC 7371	31094
Intel Xeon W-3245 @ 3.20GHz	30871
AMD Ryzen 7 8700F	30857
AMD Ryzen 9 3900	30794
Intel Core i7-12700	30784
Intel Xeon W-2295 @ 3.00GHz	30735
Intel Core i7-12850HX	30735
AMD Ryzen 9 8945H	30729
Intel Core i7-12700F	30682
AMD Ryzen Threadripper 2970WX	30653
Intel Xeon Platinum 8171M @ 2.60GHz	30632
AMD EPYC Embedded 7292P	30542
Intel Core i5-13500HX	30513
Intel Xeon Gold 6246R @ 3.40GHz	30468
AMD Ryzen 9 7940HS	30371
Intel Xeon Platinum 8260 @ 2.40GHz	30347
AMD EPYC 7282	30321
Intel Core i9-9960X @ 3.10GHz	30254
AMD Ryzen 7 PRO 8700GE	30199



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Intel Core i9-9990XE @ 4.00GHz	30162
Intel Xeon W-3265 @ 2.70GHz	30105
Intel Core i9-7980XE @ 2.60GHz	30086
Intel Core i9-13905H	30072
Intel Core i9-12900T	30056
AMD Ryzen 5 9600X	30041
Intel Xeon Platinum 8270 @ 2.70GHz	29986
ARM Neoverse-N1 96 Core 2800 MHz	29890
Intel Xeon Gold 6248 @ 2.50GHz	29831
Intel Xeon E-2478	29827
Intel Core i7-12800HE	29805
Intel Xeon E-2488	29487
Intel Core Ultra 9 185H	29439
AMD Ryzen Threadripper 2950X	29422
AMD Ryzen 9 8945HS	29406
Intel Core i7-12700E	29384
Intel Xeon Gold 5318H @ 2.50GHz	29301
AMD Ryzen 7 8745H	29171
AMD Ryzen AI 9 365	29126
AMD Ryzen 7 PRO 8845HS	29052
Intel Xeon Gold 6148 @ 2.40GHz	29009
Intel Xeon Silver 4314 @ 2.40GHz	28954
Intel Xeon Gold 6210U @ 2.50GHz	28915
AMD Ryzen 7 7840HS	28913
AMD Ryzen 7 8845HS	28902
Intel Xeon Silver 4410T	28859
Intel Core i9-7960X @ 2.80GHz	28836
Intel Xeon Platinum 8160 @ 2.10GHz	28825
Intel Core i9-13900H	28762
AMD Ryzen 9 7940H	28716
Intel Xeon Gold 6238 @ 2.10GHz	28668
Intel Core i5-14490F	28662
Intel Xeon Gold 6154 @ 3.00GHz	28632
AMD EPYC 7303	28572
Intel Xeon Gold 6253CL @ 3.10GHz	28549
AMD EPYC 7401P	28546
AMD Ryzen 5 7600X	28467
Intel Xeon D-2795NT @ 2.00GHz	28463
AMD Ryzen 7 7840H	28373
Intel Xeon Gold 6240 @ 2.60GHz	28369
AMD Ryzen 7 5800X3D	28297
AMD Ryzen 9 PRO 7940HS	28174
Intel Xeon Platinum 8252C @ 3.80GHz	28147
Intel Xeon w5-3423	28117
Intel Xeon W-2191B @ 2.30GHz	28076
ARM Neoverse-N1 64 Core 0 MHz	28064

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Intel Core i5-13500E	28036
Intel Xeon Platinum 8173M @ 2.00GHz	28025
Intel Xeon W-2195 @ 2.30GHz	27978
Intel Core i9-9940X @ 3.30GHz	27975
Intel Core i9-12900H	27968
Intel Core i9-10940X @ 3.30GHz	27894
Intel Core i5-12600KF	27879
Intel Xeon W-2275 @ 3.30GHz	27866
AMD Ryzen 7 5800X	27850
Intel Core i5-14450HX	27773
AMD Ryzen 7 8845H	27731
Intel Core i5-12600K	27699
AMD Ryzen Threadripper 1950X	27615
Intel Core i5-13600HX	27606
Intel Core i5-13490F	27559
AMD EPYC 4244P	27530
Intel Xeon Gold 6212U @ 2.40GHz	27470
Intel Xeon Gold 6150 @ 2.70GHz	27446
AMD EPYC 7571	27445
Intel Xeon Gold 5317 @ 3.00GHz	27387
Intel Core i9-12900HK	27369
Intel Core i5-13600T	27351
Intel Xeon Platinum 8124M @ 3.00GHz	27336
Intel Core i7-13700T	27300
Intel Xeon D-2775TE @ 2.00GHz	27299
AMD EPYC 72F3	27252
Intel Core i7-13700H	27190
Intel Xeon Gold 6252 @ 2.10GHz	27148
AMD Ryzen 5 PRO 7645	27106
AMD Ryzen 5 7600	27099
Intel Core i7-13800H	27096
Intel Xeon Gold 6208U @ 2.90GHz	27085
Intel Xeon Gold 6230 @ 2.10GHz	27069
Intel Core i5-14500HX	27057
AMD Ryzen 5 7500F	26938
AMD Ryzen 5 7645HX	26868
Intel Xeon W-3245M @ 3.20GHz	26814
Intel Core i9-12900E	26666
AMD Ryzen 7 5700X	26664
Intel Xeon Platinum 8175M @ 2.50GHz	26659
Apple M2 Max 12 Core 3680 MHz	26609
Apple M2 Pro 12 Core 3480 MHz	26558
AMD Ryzen 7 PRO 7840HS	26549
Intel Core i5-13600HE	26540
Intel Xeon w3-2435	26428
AMD Ryzen 7 PRO 8840HS	26426

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Intel Core Ultra 7 165H	26348
Intel Xeon D-2796TE @ 2.00GHz	26342
AMD Ryzen 7 5700X3D	26332
Snapdragon X Elite - X1E8010	26323
Intel Xeon Gold 6226R @ 2.90GHz	26297
Intel Xeon Gold 6242 @ 2.80GHz	26288
Apple M3 Pro 12 Core	26264
Intel Core i9-10920X @ 3.50GHz	26151
Intel Core i7-12700H	26146
AMD Ryzen 5 7600X3D	26075
Intel Core i9-7940X @ 3.10GHz	26042
Intel Xeon W-2265 @ 3.50GHz	25973
AMD Ryzen 7 PRO 5845	25961
Intel Xeon W-3323 @ 3.50GHz	25875
AMD Ryzen Threadripper 2990X	25874
AMD EPYC 7451	25863
Intel Core i5-14400F	25764
AMD Ryzen 7 5800	25759
Intel Core i5-14400	25713
AMD EPYC 7351P	25657
Intel Xeon E5-2699A v4 @ 2.40GHz	25654
Intel Xeon E5-2698R v4 @ 2.20GHz	25605
Intel Xeon W-3235 @ 3.30GHz	25594
Intel Xeon Gold 5515+	25587
Intel Xeon E-2468	25579
Intel Core i5-13450HX	25549
Intel Xeon Gold 6152 @ 2.10GHz	25441
AMD Ryzen Threadripper 2920X	25438
Intel Xeon Platinum 8167M @ 2.00GHz	25396
AMD Ryzen 5 8600G	25356
AMD Ryzen 5 PRO 8600G	25288
Intel Xeon W-1390P @ 3.50GHz	25240
Intel Core i9-11900K @ 3.50GHz	25235
Intel Xeon Gold 6142 @ 2.60GHz	25215
Intel Xeon E5-2699 v4 @ 2.20GHz	25181
Intel Core i5-13400F	25174
Intel Core i9-9920X @ 3.50GHz	25163
AMD EPYC 7272	25161
Intel Core i5-14600T	25110
AMD Ryzen Z1 Extreme	25067
Apple M4 10 Core	25067
Intel Core i9-11900KF @ 3.50GHz	25012
Intel Core Ultra 7 155H	25009
AMD Ryzen 7 7840U	24980
Intel Xeon Gold 5415+	24951
AMD EPYC 7501	24925

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Intel Core i7-13620H	24891
Intel Xeon E5-2696 v4 @ 2.20GHz	24858
Intel Xeon Gold 6434	24836
Intel Core i7-12800H	24833
Intel Xeon Gold 6246 @ 3.30GHz	24829
AMD Ryzen 9 6900HX	24791
Intel Xeon Gold 6143 @ 2.80GHz	24786
AMD Ryzen 7 PRO 7840U	24772
Apple M3 Pro 11 Core	24771
Intel Xeon Gold 6222V @ 1.80GHz	24764
Intel Xeon Gold 5218R @ 2.10GHz	24742
Intel Xeon E E-2486	24713
AMD Ryzen 7 7840S	24635
Intel Core i5-12600HE	24599
Intel Core i5-14400T	24598
Intel Core i7-11700K @ 3.60GHz	24587
AMD Ryzen 7 5700G	24554
AMD EPYC 7551	24534
Qualcomm Snapdragon X Elite - X1E-84-100	24528
Intel Xeon Gold 6140 @ 2.30GHz	24445
AMD Ryzen 7 PRO 5750G	24436
Intel Xeon Silver 4410Y	24399
AMD Ryzen 7 8840HS	24345
AMD Ryzen 5 PRO 8600GE	24262
AMD Ryzen 7 5700	24261
Intel Core i5-13600H	24255
Intel Xeon Gold 5220 @ 2.20GHz	24154
Intel Xeon E5-2679 v4 @ 2.50GHz	24131
Intel Core i5-14500T	24124
Intel Xeon Gold 6138 @ 2.00GHz	24121
Intel Xeon Silver 4216R @ 2.20GHz	24027
AMD Ryzen 7 7435HS	23973
AMD Ryzen 7 7735HS	23971
Intel Core i5-12600HX	23949
Intel Core i7-11700KF @ 3.60GHz	23943
Intel Xeon W-1390 @ 2.80GHz	23902
Intel Xeon W-2170B @ 2.50GHz	23902
AMD Ryzen 7 7735H	23851
AMD Ryzen 7 8840U	23792
Intel Xeon Gold 6122 @ 1.80GHz	23781
AMD Ryzen 7 PRO 8840U	23778
Intel Xeon E-2456	23743
Intel Core i7-13705H	23662
Intel Core i9-7920X @ 2.90GHz	23651
Intel Xeon E-2388G @ 3.20GHz	23616
AMD Ryzen 7 3800XT	23607

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AMD Ryzen 9 6900HS	23579
AMD Ryzen 5 8400F	23534
AMD Ryzen 9 5980HX	23524
Intel Xeon E5-2698 v4 @ 2.20GHz	23493
AMD EPYC 7F32	23453
AMD Ryzen 7 6800H	23428
Intel Xeon W-2175 @ 2.50GHz	23323
Intel Xeon W-1370P @ 3.60GHz	23306
Intel Xeon Gold 6146 @ 3.20GHz	23296
Qualcomm Snapdragon X Elite - X1E-80-100	23249
AMD EPYC 7351	23226
AMD Ryzen 7 PRO 6850H	23191
Intel Xeon Platinum 8176 @ 2.10GHz	23179
Intel Core i5-13400	23169
AMD Ryzen 7 3800X	23142
Intel Core i5-13500T	23140
AMD Ryzen Threadripper 1920X	23092
Intel Core i7-13700TE	23074
AMD Ryzen 7 6800HS	23014
AMD Ryzen 5 7640HS	22933
Intel Core i9-11900KB @ 3.30GHz	22929
Intel Xeon W-1370 @ 2.90GHz	22926
Qualcomm Snapdragon X Elite - X1E-78-100	22914
Intel Core Ultra 5 135H	22903
AMD Ryzen 7 PRO 3700	22899
Intel Core i9-11980HK @ 2.60GHz	22798
Intel Core i9-11900 @ 2.50GHz	22796
AMD Ryzen 5 PRO 7640HS	22778
Intel Core i9-10900K @ 3.70GHz	22777
Intel Core i5-13500H	22715
AMD Ryzen 9 PRO 6950HS	22697
Intel Xeon Platinum P-8124 @ 3.00GHz	22674
Intel Xeon Silver 4310 @ 2.10GHz	22642
AMD Ryzen 9 PRO 6950H	22626
AMD Ryzen 5 8645HS	22619
Intel Xeon W-11955M @ 2.60GHz	22596
Intel Core i7-12650H	22576
AMD Ryzen 7 3700X	22545
Intel Core i7-11700B @ 3.20GHz	22535
AMD Ryzen 9 5900HX	22528
Intel Core i9-10900KF @ 3.70GHz	22522
Intel Core i5-12600H	22499
Intel Xeon E-2436	22487
Intel Core i9-10900X @ 3.70GHz	22478
AMD Ryzen 7 5700GE	22436
Intel Xeon W-1290P @ 3.70GHz	22435

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Intel Core i9-10850K @ 3.60GHz	22382
Intel Xeon W-2255 @ 3.70GHz	22369
AMD Ryzen 5 PRO 8500G	22362
Intel Core Ultra 5 125H	22325
Intel Xeon E5-2699C v4 @ 2.20GHz	22283
Intel Core i9-11900F @ 2.50GHz	22279
AMD Ryzen 7 PRO 6850HS	22264
Apple M4 9 Core	22223
AMD Ryzen 5 PRO 8500GE	22195
AMD Ryzen 7 7736U	22195
Qualcomm Snapdragon X Plus X1P-64-100	22187
Intel Xeon Gold 6132 @ 2.60GHz	22180
Intel Xeon E5-2696 v3 @ 2.30GHz	22140
AMD Ryzen 9 5900HS Creator Edition	22138
Apple M1 Max 10 Core 3200 MHz	22071
AMD Ryzen Threadripper 1920	22066
AMD Ryzen 5 PRO 8640HS	22041
Intel Core Ultra 7 256V	22035
Intel Xeon Gold 5218 @ 2.30GHz	21986
AMD Ryzen 5 5600X3D	21953
AMD Ryzen 5 PRO 5645	21904
AMD Ryzen 5 5600X	21887
AMD Ryzen 7 PRO 5750GE	21882
Apple M1 Pro 10 Core 3200 MHz	21862
Intel Core i9-9900X @ 3.50GHz	21845
Intel Xeon Gold 6262 @ 1.90GHz	21823
Intel Xeon Gold 6130T @ 2.10GHz	21804
AMD Ryzen 9 6900HS Creator Edition	21777
AMD Ryzen 5 8500G	21775
AMD Ryzen 7 6800HS Creator Edition	21763
Apple M2 Pro 10 Core 3480 MHz	21729
AMD Ryzen 9 5900HS	21667
AMD EPYC 7281	21621
Intel Xeon E7-8891 v3 @ 2.80GHz	21615
Intel Xeon E5-2697A v4 @ 2.60GHz	21591
AMD Ryzen 5 5600	21572
Intel Xeon Gold 6334 @ 3.60GHz	21521
Intel Core i5-13500TE	21478
Intel Core i9-10910 @ 3.60GHz	21456
Intel Xeon Gold 5218T @ 2.10GHz	21433
Intel Core i7-12700T	21335
AMD Ryzen 9 5980HS	21318
AMD Ryzen 5 PRO 7640U	21287
Intel Core i5-12600	21265
AMD Ryzen 5 7640U	21193
AMD Ryzen 7 7735U	21184

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Intel Core i9-11950H @ 2.60GHz	21173
AMD Ryzen 7 5800HS Creator Edition	21166
Intel Xeon E-2378G @ 2.80GHz	21153
Intel Core i5-12500H	21103
Intel Xeon W-2155 @ 3.30GHz	21071
Intel Core i9-7900X @ 3.30GHz	21065
AMD Ryzen 5 8500GE	21042
AMD Ryzen 7 5800H	21022
Intel Core i7-7900X @ 3.30GHz	21008
Intel Core i7-11700F @ 2.50GHz	21005
Intel Xeon Silver 4310T @ 2.30GHz	20973
Intel Xeon E5-2697 v4 @ 2.30GHz	20928
Intel Xeon Gold 6250 @ 3.90GHz	20915
AMD Ryzen 7 PRO 6860Z	20863
Intel Xeon E5-2697R v4 @ 2.30GHz	20843
Intel Xeon Gold 5315Y @ 3.20GHz	20820
AMD Ryzen 7 PRO 6850U	20799
Intel Xeon Gold 6136 @ 3.00GHz	20796
AMD Ryzen 5 PRO 5650G	20783
AMD EPYC 7262	20779
Intel Core i5-13400T	20773
AMD Ryzen 5 8640U	20772
Intel Core i5-12600HL	20739
Intel Core i5-12500E	20699
Intel Xeon Gold 6138T @ 2.00GHz	20649
Intel Xeon Gold 6130 @ 2.10GHz	20647
Intel Xeon E5-2673 v4 @ 2.30GHz	20631
Intel Xeon D-2753NT @ 2.00GHz	20626
Intel Xeon Silver 4216 @ 2.10GHz	20613
Intel Core i7-12650HX	20612
AMD Ryzen 7 6800U	20596
Intel Core i9-11900H @ 2.50GHz	20562
AMD Ryzen 9 5900H	20557
AMD EPYC 8024P	20556
Intel Xeon W-2150B @ 3.00GHz	20529
Intel Core i7-11850H @ 2.50GHz	20487
AMD Ryzen 7 PRO 4750G	20449
Intel Core i7-11800H @ 2.30GHz	20442
Intel Xeon Gold 6226 @ 2.70GHz	20429
Intel Xeon E5-2686 v4 @ 2.30GHz	20415
Intel Xeon E5-2699 v3 @ 2.30GHz	20374
Intel Core i7-1280P	20361
Intel Core i5-12490F	20335
AMD Ryzen 5 5600GT	20331
Intel Xeon E5-4667 v4 @ 2.20GHz	20319
Intel Xeon D-1747NTE @ 2.50GHz	20279

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Intel Core Ultra 5 226V	20276
ARM Neoverse-N1 64 Core 2200 MHz	20250
AMD Ryzen 5 5500GT	20239
AMD Ryzen Embedded V3C48	20203
Intel Core i9-9820X @ 3.30GHz	20195
AMD Ryzen 7 4700G	20152
Intel Core i7-1370P	20150
Intel Core i5-1250P	20144
AMD Ryzen 7 5800HS	20084
Intel Xeon W-1290 @ 3.20GHz	20071
Intel Core i5-1340PE	20041
Intel Xeon Gold 6144 @ 3.50GHz	19993
Intel CoreT i5-1350P	19976
Intel Core i9-10900F @ 2.80GHz	19949
Intel Core i5-12500	19902
AMD Ryzen 5 5600G	19878
Intel Core i9-10900 @ 2.80GHz	19832
AMD Ryzen 7 4700GE	19831
AMD Ryzen 7 PRO 4700G	19786
Intel Xeon W-1350P @ 4.00GHz	19710
Intel Core i7-11700 @ 2.50GHz	19690
AMD Ryzen 7 Pro 7735U	19641
Intel Xeon E-2386G @ 3.50GHz	19613
Intel Core i5-11600KF @ 3.90GHz	19612
AMD Ryzen 5 8640HS	19608
Intel Core i5-11600K @ 3.90GHz	19592
Intel Xeon W-11865MRE @ 2.60GHz	19589
Intel Core Ultra 7 258V	19555
AMD EPYC 3451	19532
Intel Core i5-12400F	19529
Intel Xeon W-2245 @ 3.90GHz	19475
Intel Core i9-9900KS @ 4.00GHz	19473
Intel Xeon E5-2690 v4 @ 2.60GHz	19463
Intel Core i9-10900E @ 2.80GHz	19456
AMD EPYC 7252	19411
AMD Ryzen 5 5500	19396
Intel Xeon D-2183IT @ 2.20GHz	19377
Intel Core i5-12400	19370
Intel Xeon Gold 6137 @ 3.90GHz	19365
Intel Core Ultra 9 288V	19288
Apple M3 8 Core	19237
Intel Xeon Gold 6126 @ 2.60GHz	19189
Intel Core i7-1360P	19170
AMD Ryzen 9 4900H	19132
Intel Xeon E5-2695 v4 @ 2.10GHz	19109
Intel Xeon D-2752TER @ 1.80GHz	19102



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Intel Xeon Silver 4309Y @ 2.80GHz	19100
Intel Xeon E5-2682 v4 @ 2.50GHz	19051
AMD Ryzen 7 PRO 7730U	19045
Intel Core i5-12450HX	19009
Intel Xeon W-1350 @ 3.30GHz	19007
Intel Xeon Gold 6244 @ 3.60GHz	18980
Intel Xeon E5-2676 v4 @ 2.40GHz	18978
AMD Ryzen 9 4900HS	18977
Intel Core i9-11900T @ 1.50GHz	18948
Intel Core i5-1350P	18946
AMD Ryzen 5 PRO 6650H	18928
Intel Core i7-11850HE @ 2.60GHz	18899
Intel Xeon E5-2698 v3 @ 2.30GHz	18872
Intel Core i5-1340P	18852
Hygon C86 7255 16-core	18831
ARM Neoverse-N1 80 Core 2600 MHz	18823
Intel Core i7-10700K @ 3.80GHz	18789
Intel Xeon W-1290E @ 3.50GHz	18786
AMD Ryzen Z1	18778
AMD Ryzen 5 PRO 5655GE	18734
AMD Ryzen 5 6600H	18702
AMD Ryzen 5 7540U	18685
AMD Ryzen 5 5600GE	18667
Intel Xeon w3-2425	18655
AMD Ryzen 5 3600XT	18641
AMD Ryzen 7 7730U	18640
AMD EPYC 4124P	18637
Intel Xeon W-1270E @ 3.40GHz	18635
Intel Xeon E5-2697 v3 @ 2.60GHz	18596
Intel Core i7-10700KF @ 3.80GHz	18581
Intel Xeon E-2356G @ 3.20GHz	18521
AMD Ryzen 7 4800H	18510
AMD Ryzen 5 PRO 8540U	18486
Intel Core i5-13420H	18465
AMD Ryzen 7 PRO 4750GE	18444
AMD Ryzen 5 8540U	18433
AMD Ryzen 7 5800U	18420
Intel Xeon W-1290T @ 1.90GHz	18409
AMD Ryzen 5 PRO 5650GE	18396
AMD Ryzen 5 7535HS	18379
AMD Ryzen 5 6600HS Creator Edition	18361
AMD Ryzen 7 4800HS	18349
AMD Ryzen 7 5825U	18345
Intel Xeon Silver 4214R @ 2.40GHz	18275
Intel Core i9-9900K @ 3.60GHz	18266
Intel Core i9-9900KF @ 3.60GHz	18265

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Intel Xeon E7-8880 v3 @ 2.30GHz	18244
AMD Ryzen 5 3600X	18193
Intel Xeon W-2145 @ 3.70GHz	18173
Intel Xeon W-11855M @ 3.20GHz	18160
Intel Xeon E5-2686 v3 @ 2.00GHz	18148
Intel Xeon Gold 5120T @ 2.20GHz	18127
Intel Xeon Gold 5120 @ 2.20GHz	18111
Intel Core i7-9800X @ 3.80GHz	18091
AMD Ryzen 5 PRO 7540U	18071
Intel Xeon D-2187NT @ 2.00GHz	18070
Intel Core i5-11600 @ 2.80GHz	18037
Intel Core i7-1270PE	17960
Intel Xeon E5-2666 v4 @ 2.80GHz	17958
Intel Xeon W-3225 @ 3.70GHz	17874
AMD 4700S	17851
Intel Xeon D-1736NT @ 2.70GHz	17826
Intel Xeon E5-2687W v4 @ 3.00GHz	17755
Intel Xeon Gold 6234 @ 3.30GHz	17752
AMD Ryzen 5 3600	17748
Intel Xeon E5-2680 v4 @ 2.40GHz	17747
Intel Core i5-1250PE	17738
AMD EPYC 7232P	17731
AMD Ryzen 5 Pro 7535U	17710
Intel Core Ultra 5 135U	17692
Intel Xeon E5-2683 v4 @ 2.10GHz	17679
Intel Xeon W-1270 @ 3.40GHz	17641
AMD Ryzen 5 PRO 3600	17606
Intel Core i5-12600T	17576
Intel Core Ultra 7 165U	17556
Intel Core Ultra 5 125U	17524
AMD Ryzen 7 2700X	17520
Intel Xeon E5-2680R v4 @ 2.40GHz	17487
Intel Xeon W-11555MRE @ 2.60GHz	17484
Intel Xeon E-2378 @ 2.60GHz	17472
AMD Ryzen 7 4980U Microsoft Surface Edition	17469
Intel Xeon E-2288G @ 3.70GHz	17444
Intel Core i5-11500B @ 3.30GHz	17437
Intel Xeon E5-4669 v3 @ 2.10GHz	17430
Intel Core i7-1270P	17419
Intel Core i7-6950X @ 3.00GHz	17388
Intel Core i5-11500 @ 2.70GHz	17338
Intel Xeon W-2140B @ 3.20GHz	17330
Intel Atom P5362	17276
Intel Core i7-12700TE	17189
Apple M1 Pro 8 Core 3200 MHz	17187
Intel Core i7-7820X @ 3.60GHz	17166

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AMD Ryzen 5 4400G	17160
Intel Core i5-1240P	17153
Intel Xeon W-1270P @ 3.80GHz	17113
AMD Ryzen 7 4850U Mobile	17110
Intel Xeon E-2278G @ 3.40GHz	17082
AMD Ryzen 5 7535U	17079
AMD Ryzen Embedded V3C18I	17053
Intel Xeon E5-2689 v4 @ 3.10GHz	17049
Intel Core i5-11400F @ 2.60GHz	17034
Intel Xeon W-3223 @ 3.50GHz	17026
Intel Core i7-1260P	17026
Intel Core i5-11400 @ 2.60GHz	17023
AMD Ryzen 5 5600H	16992
Intel Core i5-12450H	16989
AMD Ryzen 7 PRO 5850U	16958
AMD Ryzen 7 PRO 2700X	16948
Intel Core 5 120U	16927
AMD Ryzen 7 Extreme Edition	16903
Intel Core Ultra 7 155U	16861
AMD Ryzen Threadripper 1900X	16802
Intel Xeon E-2336 @ 2.90GHz	16731
AMD Ryzen 5 PRO 6650U	16727
AMD Ryzen Embedded V2748	16706
Intel Core i7-11600H @ 2.90GHz	16685
AMD Ryzen 7 4800U	16684
Intel Xeon Gold 5118 @ 2.30GHz	16627
Intel Core i7-10700E @ 2.90GHz	16599
Intel Xeon Gold 6134 @ 3.20GHz	16591
Intel Core i5-12500T	16557
Intel Xeon E E-2434	16552
AMD Ryzen 5 6600U	16545
Intel Xeon E5-2695 v3 @ 2.30GHz	16509
Intel Core i9-9900 @ 3.10GHz	16494
Intel Xeon E7-4809 v2 @ 1.90GHz	16471
Intel Xeon Silver 4214Y @ 2.20GHz	16442
Intel Core i7-10700F @ 2.90GHz	16415
Intel Core i7-10700 @ 2.90GHz	16397
Intel Xeon E-2278GE @ 3.30GHz	16379
AMD Ryzen 5 PRO 4400G	16365
AMD Ryzen 5 PRO 4655G	16355
AMD Ryzen 7 1800X	16353
Intel Xeon E5-2690 v3 @ 2.60GHz	16348
Intel Core i9-9900B @ 3.10GHz	16311
Intel Xeon E5-2698B v3 @ 2.00GHz	16287
Intel Core i9-10900TE @ 1.80GHz	16251
AMD Ryzen Embedded V2546	16236

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Intel Xeon D-2733NT @ 2.10GHz	16206
Intel Core i5-12400T	16193
Intel Xeon Silver 4214 @ 2.20GHz	16190
AMD Ryzen 5 PRO 4650G	16165
Intel Core i3-1220PE	16146
AMD Ryzen 5 4500	16121
Intel Xeon E5-2669 v3 @ 2.30GHz	16107
Intel Core i5-11500H @ 2.90GHz	16091
AMD Ryzen 7 PRO 5875U	16078
AMD Ryzen Embedded V2718	16075
AMD Ryzen 5 4600G	16065
AMD Ryzen 5 7530U	16050
Intel Core 7 150U	16050
Intel Xeon W-11865MLE @ 1.50GHz	15958
Intel Xeon E5-2660 v4 @ 2.00GHz	15934
Intel Xeon E5-4650 v4 @ 2.20GHz	15871
AMD Ryzen 7 5700U	15841
Intel Core i9-13900TE	15819
Intel Xeon Gold 5117 @ 2.00GHz	15816
AMD Ryzen 5 4600GE	15816
Intel Xeon W-10885M @ 2.40GHz	15746
Intel Core i5-11260H @ 2.60GHz	15746
AMD Ryzen 5 7430U	15744
AMD Ryzen 7 2700	15696
AMD Ryzen 7 1700X	15668
Intel Core i5-11400H @ 2.70GHz	15630
Intel Xeon Gold 5215 @ 2.50GHz	15624
AMD Ryzen 7 PRO 1700X	15577
Intel Core i7-11700T @ 1.40GHz	15560
AMD Ryzen 5 PRO 4650GE	15560
Apple M2 8 Core 3500 MHz	15536
Intel Xeon D-1726 @ 2.90GHz	15511
AMD Ryzen 5 5600U	15439
Intel Core i9-10980HK @ 2.40GHz	15433
Intel Xeon Gold 5217 @ 3.00GHz	15429
Intel Xeon E5-4667 v3 @ 2.00GHz	15397
Intel Xeon E5-4660 v4 @ 2.20GHz	15375
Intel Core i3-14100F	15306
AMD Ryzen 7 PRO 2700	15300
Intel Xeon w3-2423	15275
Intel Xeon Silver 4116T @ 2.10GHz	15187
AMD Ryzen 7 PRO 4750U	15184
AMD Ryzen 5 5560U	15150
Intel Xeon E5-2680 v3 @ 2.50GHz	15144
Intel Core i5-1345U	15128
Intel Xeon Silver 4210R @ 2.40GHz	15118

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Intel Core Ultra 7 164U	15106
Intel Xeon D-2166NT @ 2.00GHz	15105
Intel Xeon E-2286M @ 2.40GHz	15092
AMD Ryzen 5 PRO 7530U	15088
Intel Core 3 100U	15072
Intel Core i3-14100	15047
Intel Xeon Silver 4215R @ 3.20GHz	15004
AMD EPYC 7301	14991
AMD EPYC 7251	14935
AMD Ryzen 5 5625U	14913
AMD Ryzen 5 PRO 5650U	14904
Intel Xeon E5-2658A v3 @ 2.20GHz	14879
Intel Core i7-10875H @ 2.30GHz	14875
Intel Xeon D-1733NT @ 2.00GHz	14849
Intel Core i7-1365U	14848
Intel Core i9-10900T @ 1.90GHz	14822
Intel Xeon E5-1681 v3 @ 2.90GHz	14820
Intel Core i9-10885H @ 2.40GHz	14818
Intel Core i7-1355U	14813
AMD Ryzen 7 1700	14813
AMD Ryzen 5 PRO 4400GE	14795
AMD Ryzen 3 PRO 8300GE	14753
Intel Xeon E5-2683 v3 @ 2.00GHz	14749
Intel Core i5-1335U	14747
Intel Xeon E5-2678 v3 @ 2.50GHz	14712
Intel Core i5-11600T @ 1.70GHz	14679
Intel Xeon Gold 5115 @ 2.40GHz	14677
Montage Jintide C4215R	14672
Intel Xeon Silver 4116 @ 2.10GHz	14660
AMD Ryzen 7 PRO 1700	14658
AMD Ryzen 7 2700E	14657
Intel Core i9-10880H @ 2.30GHz	14642
AMD Ryzen 5 PRO 5675U	14639
Intel Core i3-13100F	14616
Intel Xeon E5-2687W v3 @ 3.10GHz	14615
AMD Ryzen 3 PRO 8300G	14599
Intel Core i3-12300	14540
Intel Core i5-12500TE	14536
Intel Core i3-1220P	14490
Intel CC150 @ 3.50GHz	14488
Intel Core i7-6900K @ 3.20GHz	14470
Intel Core i7-9700K @ 3.60GHz	14460
Intel Xeon Silver 4215 @ 2.50GHz	14439
Intel Xeon W-2135 @ 3.70GHz	14439
AMD Ryzen 5 PRO 4655GE	14436
Intel Xeon E5-2658 v4 @ 2.30GHz	14434

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AMD Ryzen 5 4600H	14426
Intel Core i7-10870H @ 2.20GHz	14424
Intel Xeon Silver 4123 @ 3.00GHz	14405
Intel Xeon W-2235 @ 3.80GHz	14367
Intel Xeon W-1250P @ 4.10GHz	14353
Intel Core i5-10600K @ 4.10GHz	14299
Intel Xeon E5-2666 v3 @ 2.90GHz	14277
Intel Core i7-8086K @ 4.00GHz	14274
Intel Xeon E5-2697 v2 @ 2.70GHz	14270
Intel Xeon E5-4660 v3 @ 2.10GHz	14256
Intel Core i7-9700KF @ 3.60GHz	14256
Intel Xeon D-1732TE @ 1.90GHz	14254
Intel Core i3-12100E	14250
AMD Ryzen 5 4600HS	14230
Intel Core i5-10600KF @ 4.10GHz	14228
Intel Xeon E5-2673 v3 @ 2.40GHz	14219
Intel Xeon E5-1680 v4 @ 3.40GHz	14211
Apple M1 8 Core 3200 MHz	14162
Intel Core i7-1260U	14127
Intel Core i9-9980HK @ 2.40GHz	14117
Intel Core i3-12100F	14114
Intel Core i7-1370PRE	14103
Intel Xeon E5-2696 v2 @ 2.50GHz	14096
Intel Xeon E-2286G @ 4.00GHz	14020
Intel Xeon E-2236 @ 3.40GHz	14012
Intel Xeon E-2276G @ 3.80GHz	13946
AMD EPYC 3251	13912
AMD Ryzen 5 2600X	13907
AMD Ryzen 3 8300GE	13846
AMD Ryzen 3 PRO 5350G	13841
Intel Xeon E5-2667 v4 @ 3.20GHz	13825
Intel Xeon E-2186G @ 3.80GHz	13817
Intel Core i7-1265U	13798
Intel Core i3-14100T	13727
Intel Core i9-9880H @ 2.30GHz	13691
Intel Core i5-10600 @ 3.30GHz	13685
Intel Xeon E-2246G @ 3.60GHz	13676
Intel Core i5-11400T @ 1.30GHz	13632
Intel Core i7-8700K @ 3.70GHz	13626
Intel Xeon E5-1660 v4 @ 3.20GHz	13616
Intel Xeon W-1250 @ 3.30GHz	13610
Intel Xeon E-2374G @ 3.70GHz	13607
Intel Core i7-1255U	13607
Intel Xeon E-2176G @ 3.70GHz	13598
Intel Core i3-12100	13598
Intel Xeon E5-2650 v4 @ 2.20GHz	13580

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Intel Xeon E5-2670 v3 @ 2.30GHz	13576
Intel Xeon D-1587 @ 1.70GHz	13566
Intel Xeon W-1270TE @ 2.00GHz	13553
Intel Xeon E5-2676 v3 @ 2.40GHz	13524
Intel Xeon Silver 4210 @ 2.20GHz	13520
AMD Ryzen 5 PRO 2600	13509
Intel Xeon E5-2658 v3 @ 2.20GHz	13487
Intel Xeon E5-2690 v2 @ 3.00GHz	13483
AMD Ryzen 5 4600U	13470
Intel Xeon E-2136 @ 3.30GHz	13460
Intel Core i5-10500 @ 3.10GHz	13452
Intel Core i3-13100	13420
Intel Core i5-1245U	13408
Intel Core i5-1235U	13391
AMD Ryzen 7 4700U	13374
Intel Xeon E5-2695 v2 @ 2.40GHz	13306
Intel Xeon D-1581 @ 1.80GHz	13282
Intel Xeon E-2146G @ 3.50GHz	13259
Intel Core i7-9700F @ 3.00GHz	13253
Intel Core i7-9700 @ 3.00GHz	13216
AMD Ryzen 5 2600	13191
Intel Xeon E5-2675 v3 @ 1.80GHz	13180
Intel Xeon Silver 4114 @ 2.20GHz	13161
AMD Ryzen 5 3500X	13161
Intel Core i5-1334U	13150
Intel Xeon E5-2660 v3 @ 2.60GHz	13120
Intel Xeon E5-1680 v3 @ 3.20GHz	13090
Intel Core i3-12300T	13077
Intel Core i3-13100T	13076
AMD Ryzen 3 5300GE	13074
Apple A18	13061
AMD Ryzen 5 1600X	13057
Intel Core i9-9900T @ 2.10GHz	13020
AMD Ryzen Embedded V2516	13016
AMD Ryzen 5 5500U	13013
Intel Xeon E-2334 @ 3.40GHz	13011
Intel Core i5-11500T @ 1.50GHz	13002
AMD Ryzen 3 7440U	12991
Intel Xeon E5-4627 v4 @ 2.60GHz	12969
Intel Core i7-10700TE @ 2.00GHz	12969
Intel Xeon E5-2685 v3 @ 2.60GHz	12944
AMD Ryzen 3 5300G	12902
Intel Xeon Gold 6128 @ 3.40GHz	12881
Apple A18 Pro	12865
Intel Core i7-7800X @ 3.50GHz	12857
Intel Core i7-8700 @ 3.20GHz	12838

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Intel Core i7-10700T @ 2.00GHz	12815
AMD Ryzen 3 8440U	12805
AMD Ryzen 5 3500	12787
Intel Core i7-5960X @ 3.00GHz	12743
Intel Xeon E5-2650L v4 @ 1.70GHz	12719
Intel Xeon W-2133 @ 3.60GHz	12658
Intel Xeon E5-2667 v3 @ 3.20GHz	12656
Intel Core i5-1240U	12652
AMD Ryzen 5 PRO 4650U	12648
Intel Xeon E5-2680 v2 @ 2.80GHz	12635
AMD Ryzen 3 3300X	12631
Intel Xeon W-10855M @ 2.80GHz	12624
Intel Xeon E5-1680 v2 @ 3.00GHz	12618
Intel Core i3-12100T	12617
Intel Core i7-9700E @ 2.60GHz	12595
Intel Xeon W-11555MLE @ 1.90GHz	12591
AMD Ryzen 3 PRO 5350GE	12584
Virtual @ 3.80GHz	12575
Intel Xeon E5-1660 v3 @ 3.00GHz	12482
Intel Xeon E5-2640 v4 @ 2.40GHz	12472
Intel Xeon E5-4628L v4 @ 1.80GHz	12461
AMD Ryzen 3 PRO 7335U	12440
Intel Xeon E5-2618L v4 @ 2.20GHz	12429
Intel Xeon E5-2649 v3 @ 2.30GHz	12399
Hygon C86 3350 8-core	12292
Intel Atom P5342	12291
Intel Core i3-1315U	12286
AMD Ryzen 5 1600	12278
Intel Xeon E5-2667 v2 @ 3.30GHz	12270
Apple A17 Pro	12255
AMD Ryzen 3 7335U	12255
Intel Xeon E5-2687W v2 @ 3.40GHz	12254
AMD Ryzen 3 PRO 7330U	12233
Intel Xeon W-1250E @ 3.50GHz	12212
Intel Xeon D-2143IT @ 2.20GHz	12207
Intel Core i5-10400F @ 2.90GHz	12198
Intel Core i5-10505 @ 3.20GHz	12139
Intel Xeon E5-2673 v2 @ 3.30GHz	12128
Intel Core i5-10400 @ 2.90GHz	12127
Intel Xeon E5-2692 v2 @ 2.20GHz	12119
Intel Xeon D-2141I @ 2.20GHz	12117
AMD Ryzen 5 PRO 4500U	12117
Intel Core Ultra 5 134U	12058
Intel Xeon E-2278GEL @ 2.00GHz	12024
Intel Xeon E E-2414	11923
Intel Core i5-1335UE	11921



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Intel Core i7-8700B @ 3.20GHz	11882
Intel Xeon E5-2650L v3 @ 1.80GHz	11880
Intel Xeon E-2276M @ 2.80GHz	11864
Intel Core i3-12100TE	11859
Intel Core i7-10750H @ 2.60GHz	11853
ARM Neoverse-N1 32 Core 1700 MHz	11841
Intel Core i7-11375H @ 3.30GHz	11819
Intel Core i7-10850H @ 2.70GHz	11800
Intel Xeon E5-2650 v3 @ 2.30GHz	11799
Intel Xeon E5-2663 v3 @ 2.80GHz	11777
Snapdragon 8cx Gen 3 @ 3.0 GHz	11762
ARM Neoverse-N1 80 Core 2800 MHz	11755
Intel Xeon D-2146NT @ 2.30GHz	11736
Microsoft SQ3 @ 3.0 GHz	11727
Intel Core i7-1250U	11708
Intel Core i7-11370H @ 3.30GHz	11687
Intel Xeon Platinum 8481C @ 2.70GHz	11681
AMD Ryzen 5 5500H	11661
Intel Core i3-13100E	11650
Intel Xeon D-1577 @ 1.30GHz	11645
Intel Xeon E5-4657L v2 @ 2.40GHz	11613
AMD Ryzen 3 3100	11598
Intel Xeon E5-2630 v4 @ 2.20GHz	11591
Intel Xeon E5-2648L v4 @ 1.80GHz	11547
QTI SM8650	11528
Intel Xeon E5-4669 v4 @ 2.20GHz	11523
Hygon C86 3250 8-core	11476
Intel Core i7-6850K @ 3.60GHz	11466
Intel Xeon E-2186M @ 2.90GHz	11463
Intel Xeon E5-1650 v4 @ 3.60GHz	11455
Intel Core i5-10600T @ 2.40GHz	11419
AMD Ryzen 5 7235HS	11397
AMD Ryzen 3 PRO 5475U	11381
Intel Core i3-11100B @ 3.60GHz	11357
AMD Ryzen 3 5425U	11346
Intel Xeon E5-4627 v3 @ 2.60GHz	11344
Intel Xeon E5-2670 v2 @ 2.50GHz	11343
AMD Ryzen 3 PRO 4200G	11315
Intel Core i3-11100HE @ 2.40GHz	11289
Intel Xeon Silver 4208 @ 2.10GHz	11259
AMD Ryzen 5 PRO 1600	11240
Intel Core i5-10500H @ 2.50GHz	11235
AMD Ryzen 3 4300GE	11211
Intel Xeon E5-2618L v3 @ 2.30GHz	11181
Intel Xeon E5-2643 v4 @ 3.40GHz	11134
Intel Xeon E5-2640 v3 @ 2.60GHz	11118

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Intel Xeon E-2226G @ 3.40GHz	11110
Intel Xeon Silver 4209T @ 2.20GHz	11080
Intel Xeon E5-2628L v4 @ 1.90GHz	11079
Apple A16 Bionic	11068
Intel Xeon E5-4650 v2 @ 2.40GHz	11064
Intel Core i7-9850H @ 2.60GHz	11057
AMD Ryzen 3 5400U	11053
AMD Ryzen 3 4100	11045
Apple A12X Bionic	11035
AMD Ryzen 3 PRO 5450U	11026
Intel Core i5-11320H @ 3.20GHz	10988
AMD Ryzen 3 7330U	10978
Intel Core i5-1230U	10977
AMD Ryzen 3 PRO 4350GE	10971
AMD Ryzen 3 PRO 4200GE	10930
AMD Ryzen 3 4300G	10922
AMD Ryzen 3 PRO 4350G	10921
AMD Ryzen 5 4500U	10916
Intel Xeon E5-4655 v4 @ 2.50GHz	10912
Intel Core i5-11300H @ 3.10GHz	10912
Mediatek MT6989	10899
Intel Xeon E-2176M @ 2.70GHz	10890
Samsung s5e9945	10882
Intel Core i3-1215U	10870
Intel Core i7-9850HE @ 2.70GHz	10868
Intel Xeon E5-4650 v3 @ 2.10GHz	10838
Intel Core i5-10500E @ 3.10GHz	10827
Intel Core i7-9750H @ 2.60GHz	10814
Intel Core i7-9700T @ 2.00GHz	10777
Intel Core i7-6800K @ 3.40GHz	10769
Virtual @ 3.41GHz	10760
Intel Core i7-1195G7 @ 2.90GHz	10744
Intel Core i5-9600KF @ 3.70GHz	10684
Intel Xeon E5-2470 v2 @ 2.40GHz	10675
Intel Core i5-9600K @ 3.70GHz	10669
Intel Core i7-9750HF @ 2.60GHz	10608
AMD Ryzen 3 PRO 4355GE	10559
Intel Xeon W-2225 @ 4.10GHz	10533
Intel Xeon E5-2658 v2 @ 2.40GHz	10528
Intel Xeon E5-4620 v3 @ 2.00GHz	10525
Intel Core i3-1210U	10513
Intel Xeon E5-2660 v2 @ 2.20GHz	10485
Intel Core i9-8950HK @ 2.90GHz	10468
Intel Xeon E5-2643 v3 @ 3.40GHz	10465
Intel Xeon D-1567 @ 2.10GHz	10447
Intel Core i5-9600 @ 3.10GHz	10446

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Intel Xeon E5-1650 v3 @ 3.50GHz	10424
Intel Xeon E-2126G @ 3.30GHz	10392
Intel Xeon E5-2630 v3 @ 2.40GHz	10382
Intel Core i7-1185G7 @ 3.00GHz	10377
Intel Xeon E5-4640 v3 @ 1.90GHz	10372
QTI QCS8550	10369
Intel Xeon Silver 4109T @ 2.00GHz	10348
Intel Core i7-5930K @ 3.50GHz	10326
Intel Core i7-1365URE	10278
Intel Xeon E5-1660 v2 @ 3.70GHz	10268
Intel Core i3-10325 @ 3.90GHz	10268
Intel Core i7-1185G7E @ 2.80GHz	10256
Intel Core i7-8850H @ 2.60GHz	10216
Intel Xeon Silver 4110 @ 2.10GHz	10215
Intel Core i7-9700TE @ 1.80GHz	10203
Intel Core i5-8600K @ 3.60GHz	10203
Intel Core i7-1165G7 @ 2.80GHz	10186
Intel Core i7-8700T @ 2.40GHz	10184
Snapdragon 8cx Gen 3 @ 2.69 GHz	10110
Intel Core i5-1155G7 @ 2.50GHz	10106
Intel Core i5-10500T @ 2.30GHz	10090
Intel Core i7-4960X @ 3.60GHz	10062
Intel Xeon D-1541 @ 2.10GHz	10056
Intel Xeon W-2125 @ 4.00GHz	10033
Intel Core i5-9500F @ 3.00GHz	10031
Intel Xeon D-1540 @ 2.00GHz	10025
Intel Core i3-10320 @ 3.80GHz	10011
Intel Xeon E5-2687W @ 3.10GHz	9996
Intel Core i5-8600 @ 3.10GHz	9973
Intel Core i3-N305	9963
Intel Xeon E5-2628L v3 @ 2.00GHz	9949
Intel Core i7-11390H @ 3.40GHz	9943
Intel Xeon E5-2630L v4 @ 1.80GHz	9943
AMD Ryzen 3 PRO 4450U	9925
Apple A15 Bionic	9902
Intel Xeon E-2274G @ 4.00GHz	9892
Intel Core i3-1215UE	9886
Intel Core i7-8750H @ 2.20GHz	9885
ARM Firestorm-M1-Pro 8 Core 2064 MHz	9872
Intel Xeon E5-2650 v2 @ 2.60GHz	9866
Intel Core i5-9500TE @ 2.20GHz	9861
Intel Xeon E5-2648L v3 @ 1.80GHz	9847
Intel Core i7-5820K @ 3.30GHz	9839
Intel Core i5-1145G7 @ 2.60GHz	9805
Intel Core i5-9500 @ 3.00GHz	9803
Intel Core i7-13800HRE	9781

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Intel Core i5-10400T @ 2.00GHz	9771
Intel Xeon E-2324G @ 3.10GHz	9771
Intel Core i5-1135G7 @ 2.40GHz	9751
Intel Xeon E5-2690 @ 2.90GHz	9740
Intel Xeon D-1718T @ 2.60GHz	9713
Intel Xeon E-2174G @ 3.80GHz	9689
Intel Xeon E5-2689 @ 2.60GHz	9685
AMD Ryzen 3 5300U	9674
Intel Core i7-7700K @ 4.20GHz	9647
AMD Ryzen 5 PRO 3350GE	9643
Intel Xeon E-2244G @ 3.80GHz	9624
Intel Core i5-9600T @ 2.30GHz	9621
Intel Core i3-1125G4 @ 2.00GHz	9620
Intel Core i7-7740X @ 4.30GHz	9607
Intel Xeon E5-4620 v2 @ 2.60GHz	9590
Intel Core i7-10710U @ 1.10GHz	9581
Intel Xeon Bronze 3408U	9557
Intel Core i5-8500 @ 3.00GHz	9545
Intel Xeon E5-2651 v2 @ 1.80GHz	9544
ARM HUAWEI,Kunpeng 920 24 Core 2600 MHz	9496
Intel Xeon Gold 5222 @ 3.80GHz	9489
Intel U300E	9478