

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

Data z internetových databází byla získána dne 4.10.2023.

Processor	Body
AMD EPYC 9654	126045
AMD EPYC 9554P	109858
AMD EPYC 9474F	104895
Intel Xeon w9-3495X	98285
AMD Ryzen Threadripper PRO 5995WX	98225
AMD EPYC 9454P	96088
AMD EPYC 9654P	94295
AMD EPYC 7773X	91209
Intel Xeon Platinum 8470 @2.00GHz	89850
AMD EPYC 9534	88716
AMD EPYC 7763	86194
AMD EPYC 7J13	85683
AMD EPYC 7713	84208
AMD EPYC 7713P	83439
AMD Ryzen Threadripper PRO 3995WX	83349
AMD EPYC 7V13	82878
AMD Ryzen Threadripper 3990X	80952
AMD EPYC 9354P	78983
AMD EPYC 7B13	77460
AMD EPYC 7643	76455
AMD Ryzen Threadripper PRO 5975WX	75798
AMD EPYC 9334	75347
Intel Xeon Platinum 8461V	74982
AMD EPYC 7T83	74892
AMD EPYC 9274F	73784
AMD EPYC 7662	73321
AMD EPYC 7573X	70868
AMD EPYC 7702	70506
AMD EPYC 9254	70006
AMD EPYC 7H12	69633
Intel Xeon w7-3465X	68693
AMD EPYC 75F3	68505
AMD EPYC 7742	67625
Intel Xeon w9-3475X	67325
AMD Ryzen Threadripper PRO 5965WX	66613
AMD EPYC 7543P	66608
AMD EPYC 7R32	64727
AMD Ryzen 9 7950X	63355
AMD Ryzen Threadripper 3970X	63266
AMD Ryzen Threadripper PRO 3975WX	62838
AMD EPYC 7702P	62670
AMD Ryzen 9 7950X3D	62649
Intel Xeon Platinum 8380 @ 2.30GHz	62318
Intel Core i9-13900KS	61852
Intel Xeon w7-2495X	61656

AMD EPYC 74F3	60577
Intel Xeon Gold 6421N	60551
AMD EPYC 7642	60047
AMD EPYC 7513	59988
Intel Core i9-13900K	59725
Intel Core i9-14900KF	59384
AMD EPYC 7473X	59280
Intel Xeon W-3375 @ 2.50GHz	59069
Intel Xeon W-3365 @ 2.70GHz	59038
Intel Core i9-13900KF	58975
AMD EPYC 7443P	57642
Intel Xeon Gold 5420+	57593
Intel Xeon Gold 6448Y	57472
Intel Xeon Gold 6414U	57200
AMD EPYC 7542	56728
AMD Ryzen 9 7945HX	56643
AMD EPYC 7543	56562
Intel Xeon Platinum 8375C @ 2.90GHz	55705
AMD EPYC 9174F	55485
Intel Xeon w7-2475X	55163
AMD Ryzen Threadripper 3960X	54885
AMD EPYC 7443	54870
Intel Xeon Platinum 8358 @ 2.60GHz	54416
AMD EPYC 7532	53139
Intel Xeon Gold 6438N	52789
Intel Core i9-13900F	52639
Intel Xeon Gold 6348 @ 2.60GHz	52276
AMD Ryzen 9 7900X	52215
AMD EPYC 7552	51104
AMD Ryzen 9 7900X3D	50682
AMD EPYC 7453	50575
AMD EPYC 7413	50223
AMD EPYC 7502P	49887
AMD Ryzen Threadripper PRO 5955WX	49832
Intel Core i9-13900	49688
AMD Ryzen 9 PRO 7945	49660
Intel Xeon Platinum 8347C @ 2.10GHz	49386
AMD Ryzen 9 7900	49195
AMD EPYC 7K62	49104
AMD EPYC 7R12	48934
Apple M2 Ultra 24 Core	48576
AMD EPYC 7452	48379
Intel Xeon w5-2465X	48364
Intel Xeon W-3345 @ 3.00GHz	48261
Intel Core i9-13980HX	48207
Intel Xeon Gold 6314U @ 2.30GHz	48013

AMD EPYC 7402	47648
Intel Xeon Gold 6342 @ 2.80GHz	47320
Intel Core i7-13700K	46827
AMD Ryzen 9 7845HX	46791
Intel Xeon w5-3435X	46714
Intel Xeon Gold 6338N @ 2.20GHz	46583
Intel Core i7-13700KF	46558
ARM Neoverse-N1 128 Core 3000 MHz	46470
AMD EPYC 73F3	46085
Intel Core i7-13790F	46065
AMD Ryzen 9 5950X	45845
AMD EPYC 7502	45839
Intel Xeon Gold 6336Y @ 2.40GHz	45517
Intel Core i9-13950HX	45336
Intel Core i9-13900HX	44917
Intel Core i9-12900KS	44271
AMD EPYC 7343	44189
Intel Core i9-13900T	44112
Intel Core i9-13900E	43936
Intel Xeon Gold 6312U @ 2.40GHz	43710
AMD EPYC 9124	43453
Intel Xeon w7-3445	43341
ARM Neoverse-N1 128 Core 2800 MHz	43111
Intel Xeon Gold 6330 @ 2.00GHz	43056
AMD EPYC 7402P	42899
AMD EPYC 7D12	42885
AMD EPYC 7601	42244
AMD EPYC 7313P	42032
Intel Xeon W-3275 @ 2.50GHz	41554
Intel Core i9-12900K	41460
Intel Xeon Gold 6354 @ 3.00GHz	41445
Intel Core i9-12900KF	41247
AMD EPYC 7F52	41023
AMD EPYC 7352	40962
Apple M1 Ultra 20 Core	40908
Intel Xeon Platinum 8275CL @ 3.00GHz	40794
AMD Ryzen Threadripper PRO 5945WX	40682
AMD EPYC 7313	40605
AMD Ryzen Threadripper PRO 3955WX	40430
Intel Xeon W-3275M @ 2.50GHz	39979
Intel Core i7-13700F	39775
Intel Xeon w5-2455X	39596
AMD EPYC 7551P	39394
Intel Xeon W-3335 @ 3.40GHz	39293
AMD Ryzen 9 5900X	39260
Intel Core i7-13850HX	38955

AMD Ryzen 9 3950X	38921
Intel Core i7-13700	38657
Intel Core i5-13600K	38342
Intel Xeon Platinum 8180 @ 2.50GHz	38259
Intel Core i5-13600KF	38232
Intel Xeon w5-3425	38056
Intel Xeon Gold 6346 @ 3.10GHz	37722
Intel Xeon Gold 5320 @ 2.20GHz	37558
Intel Xeon Gold 6238R @ 2.20GHz	37511
Intel Xeon Silver 4316 @ 2.30GHz	37264
Intel Xeon W-3175X @ 3.10GHz	37167
Intel Core i9-12900F	37048
Intel Xeon Gold 5416S	36907
Intel Xeon Gold 6268CL @ 2.80GHz	36878
AMD Ryzen 7 7700X	36343
ARM Neoverse-N1 80 Core 3000 MHz	36328
Intel Xeon Gold 6248R @ 3.00GHz	35626
Intel Xeon Gold 6326 @ 2.90GHz	35224
AMD Ryzen 7 7700	35130
Intel Core i9-12900TE	35057
Intel Xeon Gold 6242R @ 3.10GHz	34963
Intel Core i9-12900HX	34920
Intel Core i7-12700K	34741
AMD Ryzen 9 PRO 5945	34730
AMD Ryzen 7 7800X3D	34667
AMD Ryzen 9 5900	34540
Intel Core i7-12700KF	34499
AMD Ryzen 7 PRO 7745	34492
Intel Core i9-12900	34324
Intel Core i7-13700HX	34312
Intel Xeon Gold 6230R @ 2.10GHz	34183
Intel Xeon Platinum 8260M @ 2.30GHz	33970
Intel Xeon Gold 6338 @ 2.00GHz	33814
Intel Xeon D-2799 @ 2.40GHz	33792
Intel Core i5-13600	33524
AMD Ryzen Threadripper PRO 3945WX	33515
Intel Xeon Gold 5220R @ 2.20GHz	33370
Intel Xeon Gold 6240R @ 2.40GHz	33353
Intel Xeon Gold 5318Y @ 2.10GHz	33283
Intel Core i9-12950HX	33023
Intel Xeon w5-2445	32963
AMD EPYC 7302	32930
Intel Core i9-10980XE @ 3.00GHz	32850
AMD Ryzen 7 7745HX	32845
Intel Xeon Gold 6278C @ 2.60GHz	32835
Intel Xeon Platinum 8280 @ 2.70GHz	32781

Intel Core i7-12800HX	32780
AMD Ryzen 9 3900XT	32758
AMD EPYC 7302P	32734
AMD Ryzen 9 3900X	32699
Intel Xeon Platinum 8168 @ 2.70GHz	32549
Intel Core i5-13500	32458
AMD Ryzen Threadripper 2990WX	32416
Intel Core i9-13900HK	32411
Intel Core i7-13650HX	32065
Intel Xeon W-3265M @ 2.70GHz	32025
Intel Core i9-9980XE @ 3.00GHz	31998
Intel Xeon Platinum 8173M @ 2.00GHz	31837
Intel Core i9-13905H	31827
Intel Xeon Platinum 8268 @ 2.90GHz	31632
AMD Ryzen 9 PRO 3900	31299
AMD Ryzen 9 7940H	31099
AMD EPYC 7371	31094
Intel Core i7-12700F	30993
Intel Core i7-12700	30969
AMD Ryzen 9 7940HS	30871
AMD Ryzen 9 3900	30832
Intel Xeon Platinum 8171M @ 2.60GHz	30632
AMD EPYC Embedded 7292P	30542
Intel Xeon W-2295 @ 3.00GHz	30508
Intel Xeon Gold 6246R @ 3.40GHz	30468
Intel Xeon Platinum 8259CL @ 2.50GHz	30463
Intel Core i9-7980XE @ 2.60GHz	30439
Intel Core i7-12850HX	30426
Intel Xeon W-3245 @ 3.20GHz	30371
Intel Core i5-13600HX	30169
Intel Core i9-9990XE @ 4.00GHz	30162
Intel Core i9-9960X @ 3.10GHz	30128
Intel Xeon W-3265 @ 2.70GHz	30105
Intel Core i9-12900T	30078
Intel Core i9-13900H	29949
AMD Ryzen Threadripper 2970WX	29851
Intel Core i7-12800HE	29805
Intel Xeon Gold 6248 @ 2.50GHz	29504
Intel Xeon Gold 6154 @ 3.00GHz	29488
AMD Ryzen Threadripper 2950X	29396
Intel Xeon Platinum 8260 @ 2.40GHz	29360
Intel Xeon Gold 6254 @ 3.10GHz	29356
Intel Core i7-12700E	29289
AMD EPYC 7282	29284
Intel Xeon W-3245M @ 3.20GHz	29277
Intel Core i7-13700T	29199

AMD Ryzen 7 7840HS	29166
Intel Xeon Silver 4314 @ 2.40GHz	29163
Intel Xeon Gold 6148 @ 2.40GHz	28993
Intel Xeon Gold 6210U @ 2.50GHz	28915
Intel Xeon Silver 4410T	28859
AMD Ryzen 5 7600X	28795
Intel Xeon W-2191B @ 2.30GHz	28765
Intel Core i9-7960X @ 2.80GHz	28660
Intel Core i9-12900H	28630
Intel Xeon Gold 6253CL @ 3.10GHz	28549
Intel Xeon D-2795NT @ 2.00GHz	28463
Intel Core i7-13700H	28424
AMD Ryzen 7 7840H	28419
Intel Core i5-13500HX	28402
AMD EPYC 7401P	28282
AMD Ryzen 7 5800X3D	28229
Intel Core i9-12900HK	28152
ARM Neoverse-N1 64 Core 0 MHz	28064
Intel Core i9-9940X @ 3.30GHz	28047
AMD Ryzen 7 5800X	28010
Intel Xeon Platinum 8160 @ 2.10GHz	27968
Intel Xeon W-2275 @ 3.30GHz	27952
AMD Ryzen 9 PRO 7940HS	27912
Intel Core i9-10940X @ 3.30GHz	27854
Intel Xeon W-2195 @ 2.30GHz	27842
Intel Core i5-12600K	27796
AMD Ryzen 5 PRO 7645	27734
Intel Core i5-13490F	27675
Intel Xeon Gold 6238 @ 2.10GHz	27617
AMD Ryzen Threadripper 2990X	27606
AMD Ryzen 5 7600	27605
AMD Ryzen Threadripper 1950X	27603
Intel Core i7-13800H	27493
Intel Xeon Gold 6212U @ 2.40GHz	27470
Intel Core i5-12600KF	27469
AMD EPYC 7571	27445
Intel Xeon Gold 5317 @ 3.00GHz	27402
Intel Xeon Platinum 8124M @ 3.00GHz	27336
AMD EPYC 72F3	27252
Intel Xeon D-2775TE @ 2.00GHz	27209
Intel Xeon w3-2435	27166
AMD Ryzen 7 7840S	27161
Intel Xeon Gold 6252 @ 2.10GHz	27148
Intel Xeon Gold 6142 @ 2.60GHz	27114
Intel Xeon Gold 6208U @ 2.90GHz	27085
Intel Xeon Gold 6230 @ 2.10GHz	27069

Intel Xeon Gold 6150 @ 2.70GHz	26905
Intel Core i5-13600T	26876
Intel Core i7-13620H	26834
AMD Ryzen 7 5700X	26780
Intel Xeon Platinum 8175M @ 2.50GHz	26659
Intel Core i7-13700TE	26616
Intel Core i5-13450HX	26517
AMD Ryzen 5 7500F	26502
Intel Core i7-12700H	26476
Apple M2 Pro 12 Core 3480 MHz	26362
Intel Core i9-10920X @ 3.50GHz	26357
Intel Xeon D-2796TE @ 2.00GHz	26342
Intel Xeon Gold 6242 @ 2.80GHz	26288
AMD Ryzen Z1 Extreme	26285
Apple M2 Max 12 Core 3680 MHz	26282
Intel Core i9-7940X @ 3.10GHz	26245
Intel Xeon Gold 6226R @ 2.90GHz	26240
AMD Ryzen 7 PRO 5845	26162
AMD Ryzen 7 PRO 7840U	26071
Intel Core i9-12900E	26055
Intel Xeon W-2265 @ 3.50GHz	26014
Intel Xeon Gold 5218R @ 2.10GHz	25916
Intel Xeon W-3323 @ 3.50GHz	25875
AMD Ryzen 7 5800	25870
Intel Xeon W-3235 @ 3.30GHz	25823
AMD EPYC 7351P	25706
Intel Xeon E5-2698R v4 @ 2.20GHz	25605
Intel Core i5-13400F	25577
AMD EPYC 7272	25568
Intel Xeon W-1390P @ 3.50GHz	25451
Intel Core i9-11900K @ 3.50GHz	25418
Intel Xeon Platinum 8167M @ 2.00GHz	25396
Intel Core i9-11900KF @ 3.50GHz	25372
Intel Core i5-13600H	25354
Intel Core i5-13400	25298
AMD Ryzen 7 7840U	25218
Intel Core i9-9920X @ 3.50GHz	25170
AMD Ryzen Threadripper 2920X	25049
AMD Ryzen 7 PRO 7840HS	24998
AMD EPYC 7501	24925
AMD Ryzen 9 6900HX	24923
Intel Core i7-12800H	24895
Intel Xeon E5-2699 v4 @ 2.20GHz	24834
Intel Xeon Gold 6246 @ 3.30GHz	24829
Intel Xeon Gold 6143 @ 2.80GHz	24786
Intel Xeon Gold 5415+	24764

Intel Xeon Gold 6152 @ 2.10GHz	24680
Intel Core i7-11700K @ 3.60GHz	24677
AMD Ryzen 7 5700G	24669
Intel Core i5-12600HE	24599
Intel Xeon E5-2696 v4 @ 2.20GHz	24573
Intel Xeon W-1370P @ 3.60GHz	24540
AMD Ryzen 7 PRO 5750G	24428
AMD Ryzen 7 7735H	24425
AMD Ryzen 7 5700	24380
AMD Ryzen 7 7735HS	24213
Intel Xeon Gold 5220 @ 2.20GHz	24154
Intel Xeon E5-2679 v4 @ 2.50GHz	24131
AMD Ryzen 5 7640HS	24085
Intel Xeon W-2170B @ 2.50GHz	24064
Intel Core i5-13500T	24060
Intel Core i7-11700KF @ 3.60GHz	24032
AMD Ryzen 9 6900HS	23980
Intel Core i5-12600HX	23908
Intel Xeon W-1370 @ 2.90GHz	23908
Intel Xeon W-1390 @ 2.80GHz	23902
Intel Xeon Gold 6122 @ 1.80GHz	23781
Intel Core i7-13705H	23753
AMD Ryzen 7 3800XT	23714
Intel Xeon Silver 4410Y	23713
Intel Xeon W-11865MRE @ 2.60GHz	23702
Intel Xeon E-2388G @ 3.20GHz	23694
AMD Ryzen 7 6800H	23690
AMD Ryzen 9 5980HX	23676
Intel Core i7-12650H	23627
Intel Core i9-7920X @ 2.90GHz	23570
AMD EPYC 7351	23566
Intel Xeon E5-2698 v4 @ 2.20GHz	23469
AMD EPYC 7F32	23311
Intel Xeon Gold 6146 @ 3.20GHz	23296
AMD Ryzen 9 PRO 6950HS	23295
Intel Xeon W-2175 @ 2.50GHz	23271
AMD Ryzen 7 3800X	23223
Intel Xeon Platinum 8176 @ 2.10GHz	23179
AMD Ryzen 7 7736U	23163
Intel Core i9-10900K @ 3.70GHz	23140
AMD Ryzen Threadripper 1920X	23063
Intel Core i9-11980HK @ 2.60GHz	23063
Intel Core i9-11900KB @ 3.30GHz	23031
Intel Core i9-11900 @ 2.50GHz	23029
Intel Xeon Gold 6140 @ 2.30GHz	23016
Intel Core i5-12600H	23012

Intel Xeon W-11955M @ 2.60GHz	22995
Intel Xeon E5-2696 v3 @ 2.30GHz	22988
AMD Ryzen 7 PRO 3700	22975
AMD Ryzen 7 6800HS	22964
AMD Ryzen 7 PRO 6850H	22945
Intel Core i7-11700B @ 3.20GHz	22910
Intel Core i9-10900KF @ 3.70GHz	22849
Intel Xeon W-1290P @ 3.70GHz	22812
Intel Xeon Silver 4310 @ 2.10GHz	22797
AMD Ryzen 9 5900HX	22775
Intel Core i5-13500H	22702
Intel Xeon Gold 6132 @ 2.60GHz	22696
Intel Core i9-11900F @ 2.50GHz	22677
Intel Xeon Platinum P-8124 @ 3.00GHz	22674
AMD Ryzen 7 6800HS Creator Edition	22649
AMD Ryzen 7 3700X	22628
Intel Core i9-10850K @ 3.60GHz	22599
Intel Xeon E5-2699A v4 @ 2.40GHz	22586
AMD Ryzen 9 PRO 6950H	22495
Intel Core i9-10900X @ 3.70GHz	22484
Intel Xeon E-2378G @ 2.80GHz	22467
AMD Ryzen 9 6900HS Creator Edition	22366
Intel Xeon E5-2699C v4 @ 2.20GHz	22308
Intel Xeon W-2255 @ 3.70GHz	22250
AMD Ryzen 7 5700GE	22196
Intel Xeon Gold 6334 @ 3.60GHz	22160
AMD Ryzen 9 5900HS Creator Edition	22138
Intel Core i7-1370P	22124
AMD Ryzen Threadripper 1920	22066
Apple M1 Max 10 Core 3200 MHz	22059
AMD Ryzen 7 PRO 6850HS	22044
AMD Ryzen 7 PRO 5750GE	22042
AMD Ryzen 5 5600X3D	22037
Intel Xeon Gold 5218 @ 2.30GHz	22022
AMD EPYC 7281	21981
AMD Ryzen 5 5600X	21934
AMD Ryzen 5 PRO 5645	21904
AMD Ryzen 9 5900HS	21888
Intel Core i9-9900X @ 3.50GHz	21872
Apple M1 Pro 10 Core 3200 MHz	21855
AMD Ryzen 5 7640U	21850
Intel Xeon Gold 6130T @ 2.10GHz	21804
Intel Core i9-10910 @ 3.60GHz	21717
Intel Core i5-12500H	21660
Apple M2 Pro 10 Core 3480 MHz	21627
Intel Xeon E7-8891 v3 @ 2.80GHz	21615

AMD Ryzen 5 5600	21614
AMD EPYC 7551	21600
Intel Core i7-12700T	21589
Intel Xeon E5-2673 v4 @ 2.30GHz	21576
Intel Xeon E5-2697A v4 @ 2.60GHz	21575
Intel Core i9-11950H @ 2.60GHz	21458
Intel Xeon Gold 5218T @ 2.10GHz	21433
Intel Core i5-1350P	21417
Intel Xeon Gold 6136 @ 3.00GHz	21413
Intel Core i5-12600	21398
Intel Xeon E5-2686 v4 @ 2.30GHz	21391
Intel Core i9-7900X @ 3.30GHz	21248
AMD Ryzen 9 5980HS	21232
AMD Ryzen 7 7735U	21214
AMD Ryzen 7 5800H	21186
AMD Ryzen 7 5800HS Creator Edition	21166
Intel Core i7-11700F @ 2.50GHz	21138
Intel Core i7-7900X @ 3.30GHz	21008
Intel Core i9-11900H @ 2.50GHz	21007
Intel Xeon W-2155 @ 3.30GHz	21006
Intel Xeon Silver 4310T @ 2.30GHz	20973
AMD Ryzen 9 5900H	20960
AMD Ryzen 7 PRO 6850U	20921
Intel Xeon Gold 6250 @ 3.90GHz	20915
AMD Ryzen 7 PRO 6860Z	20895
Intel Xeon Gold 6130 @ 2.10GHz	20880
AMD Ryzen 7 PRO 4700G	20848
Intel Xeon E5-2697R v4 @ 2.30GHz	20843
Intel Core i7-11800H @ 2.30GHz	20806
Intel Core i7-11850H @ 2.50GHz	20806
AMD EPYC 7262	20795
Intel Xeon Gold 5315Y @ 3.20GHz	20724
Intel Core i5-12500E	20699
Intel Core i5-12490F	20650
Intel Xeon Gold 6138T @ 2.00GHz	20649
Intel Core i5-1340P	20645
Intel Core i5-1250P	20642
Intel Xeon Silver 4216 @ 2.10GHz	20613
AMD Ryzen 7 6800U	20590
AMD Ryzen 7 PRO 4750G	20548
AMD EPYC 7451	20471
AMD Ryzen 7 PRO 7730U	20468
AMD Ryzen 7 5800HS	20456
Intel Xeon W-2150B @ 3.00GHz	20453
Intel Xeon E5-2697 v4 @ 2.30GHz	20430
Intel Xeon Gold 6138 @ 2.00GHz	20419

Intel Core i7-1280P	20414
Intel Xeon E5-2699 v3 @ 2.30GHz	20345
Intel Xeon E5-4667 v4 @ 2.20GHz	20319
Intel Core i9-10900F @ 2.80GHz	20317
AMD Ryzen 7 4700G	20210
Intel Xeon W-1290 @ 3.20GHz	20157
Intel Core i9-10900 @ 2.80GHz	20065
Intel Core i7-11700 @ 2.50GHz	20018
Intel Core i5-12500	20007
Intel Xeon Gold 6144 @ 3.50GHz	19993
Intel Xeon E5-2695 v4 @ 2.10GHz	19947
AMD Ryzen 5 5600G	19919
AMD Ryzen 5 PRO 6650H	19907
Intel Core i9-9820X @ 3.30GHz	19906
AMD Ryzen 7 4700GE	19898
AMD Ryzen 5 PRO 5650G	19888
Intel Xeon W-1350P @ 4.00GHz	19853
Intel Xeon E5-2690 v4 @ 2.60GHz	19834
Intel Xeon D-1747NTE @ 2.50GHz	19822
Intel Xeon Gold 6226 @ 2.70GHz	19810
Intel Core i5-13400T	19805
Intel Xeon E5-2682 v4 @ 2.50GHz	19702
Intel Core i5-11600K @ 3.90GHz	19701
Intel Core i5-11600KF @ 3.90GHz	19700
Intel Core i5-12400F	19623
Intel Xeon E-2386G @ 3.50GHz	19595
Intel Core i9-10900E @ 2.80GHz	19562
Intel Core i7-1360P	19559
AMD Ryzen 5 5500	19556
Intel Core i9-9900KS @ 4.00GHz	19546
AMD EPYC 3451	19532
Intel Xeon W-2245 @ 3.90GHz	19493
Intel Core i5-12400	19477
AMD EPYC 7252	19411
Intel Xeon Gold 6137 @ 3.90GHz	19365
AMD Ryzen 9 4900H	19314
Intel Xeon Silver 4309Y @ 2.80GHz	19227
Intel Xeon Gold 6126 @ 2.60GHz	19223
Intel Core i7-1270PE	19194
Intel Xeon E-2356G @ 3.20GHz	19184
AMD Ryzen 9 4900HS	19128
Intel Xeon D-2752TER @ 1.80GHz	19102
AMD Ryzen 5 7540U	19093
AMD Ryzen 5 6600H	19035
Intel Xeon W-1350 @ 3.30GHz	19015
Intel Core i5-13420H	18985

Intel Xeon Gold 6244 @ 3.60GHz	18980
Intel Xeon E5-2676 v4 @ 2.40GHz	18978
Intel Core i7-10700K @ 3.80GHz	18959
Intel Xeon E5-2697 v3 @ 2.60GHz	18917
Intel Core i9-11900T @ 1.50GHz	18879
AMD Ryzen 7 7730U	18870
Intel Xeon E5-2698 v3 @ 2.30GHz	18853
Hygon C86 7255 16-core	18831
ARM Neoverse-N1 80 Core 2600 MHz	18823
Intel Core i7-10700KF @ 3.80GHz	18795
Intel Xeon W-1290E @ 3.50GHz	18786
AMD Ryzen 5 5600GE	18748
AMD Ryzen 5 6600HS Creator Edition	18726
AMD Ryzen 5 3600XT	18695
AMD Ryzen 7 4800H	18694
AMD Ryzen 7 5800U	18669
ARM Neoverse-N1 64 Core 2200 MHz	18652
Intel Xeon W-1270E @ 3.40GHz	18635
AMD Ryzen 7 4800HS	18566
Intel Xeon W-1270P @ 3.80GHz	18553
AMD Ryzen 5 7535HS	18535
Intel Xeon w3-2425	18504
AMD Ryzen 5 PRO 5650GE	18473
AMD Ryzen 7 PRO 4750GE	18448
AMD Ryzen 7 5825U	18427
Intel Core i9-9900K @ 3.60GHz	18419
Intel Core i9-9900KF @ 3.60GHz	18414
Intel Xeon W-1290T @ 1.90GHz	18409
Intel Xeon D-2183IT @ 2.20GHz	18385
AMD Ryzen Embedded V3C48	18361
Intel Xeon Silver 4214R @ 2.40GHz	18324
Intel Xeon W-11855M @ 3.20GHz	18264
Intel Xeon E7-8880 v3 @ 2.30GHz	18244
AMD Ryzen 5 3600X	18241
Intel Xeon E5-2687W v4 @ 3.00GHz	18208
Intel Xeon W-2145 @ 3.70GHz	18169
Intel Core i7-9800X @ 3.80GHz	18154
Intel Xeon E5-2686 v3 @ 2.00GHz	18148
Intel Xeon Gold 5120T @ 2.20GHz	18127
Intel Core i5-11600 @ 2.80GHz	18088
Intel Xeon D-2187NT @ 2.00GHz	18070
AMD 4700S	18063
Intel Core i5-12450H	17946
AMD Ryzen 5 PRO 7540U	17915
Intel Xeon E5-2680 v4 @ 2.40GHz	17915
Intel Xeon D-1736NT @ 2.70GHz	17826

Intel Core i5-1335U	17821
Intel Xeon W-1270 @ 3.40GHz	17820
Intel Core i5-11500B @ 3.30GHz	17801
AMD Ryzen 5 3600	17785
Intel Xeon Gold 6234 @ 3.30GHz	17752
Intel Core i5-1250PE	17738
AMD Ryzen 5 PRO 3600	17725
Intel Xeon E5-2683 v4 @ 2.10GHz	17714
Intel Xeon Gold 5120 @ 2.20GHz	17686
AMD Ryzen 7 2700X	17567
Intel Core i7-1270P	17553
Intel Core i5-12600T	17547
AMD Ryzen 5 7535U	17494
Intel Core i7-6950X @ 3.00GHz	17493
Intel Xeon W-11555MRE @ 2.60GHz	17484
AMD Ryzen 7 4980U Microsoft Surface Edition	17469
Intel Core i5-11500 @ 2.70GHz	17457
Intel Xeon E5-4669 v3 @ 2.10GHz	17430
Intel Core i5-1240P	17382
Intel Xeon E-2288G @ 3.70GHz	17358
Intel Xeon W-3223 @ 3.50GHz	17355
Intel Xeon W-2140B @ 3.20GHz	17298
AMD Ryzen 7 PRO 5850U	17282
Intel Core i7-1260P	17261
Intel Core i7-7820X @ 3.60GHz	17231
Intel Xeon E-2378 @ 2.60GHz	17215
AMD Ryzen 5 6600U	17185
AMD Ryzen 5 4400G	17160
Apple M1 Pro 8 Core 3200 MHz	17146
Intel Core i5-11400F @ 2.60GHz	17136
AMD Ryzen 5 5600H	17115
Intel Core i5-11400 @ 2.60GHz	17101
Intel Xeon E5-2689 v4 @ 3.10GHz	17040
AMD EPYC 7232P	17017
AMD Ryzen Threadripper 1900X	17016
Intel Xeon E-2278G @ 3.40GHz	16964
Intel Core i9-10900TE @ 1.80GHz	16914
AMD Ryzen 7 Extreme Edition	16903
AMD Ryzen 7 4800U	16887
Intel Xeon E5-2680R v4 @ 2.40GHz	16865
AMD Ryzen 7 PRO 2700X	16846
AMD Ryzen 5 PRO 6650U	16790
Intel Core i5-12500T	16772
Intel Xeon E5-2695 v3 @ 2.30GHz	16734
AMD Ryzen Embedded V2748	16706
Intel Core i9-9900 @ 3.10GHz	16679

Intel Core i7-10700F @ 2.90GHz	16669
Intel Xeon Gold 6134 @ 3.20GHz	16651
Intel Xeon E-2336 @ 2.90GHz	16640
Intel Xeon E5-2698B v3 @ 2.00GHz	16633
Intel Xeon Gold 5118 @ 2.30GHz	16618
Intel Core i7-10700 @ 2.90GHz	16582
AMD Ryzen 7 PRO 5875U	16539
Intel Xeon E5-2690 v3 @ 2.60GHz	16507
Intel Xeon w3-2423	16457
Intel Core i5-12500TE	16456
Intel Xeon Silver 4214Y @ 2.20GHz	16442
Intel Core i7-10700E @ 2.90GHz	16418
AMD Ryzen 7 1800X	16417
Intel Core i7-11850HE @ 2.60GHz	16409
Intel Core i5-12400T	16380
AMD Ryzen 5 PRO 4400G	16354
Intel Core i7-10700TE @ 2.00GHz	16332
Intel Core i7-11700T @ 1.40GHz	16284
AMD Ryzen Embedded V2718	16281
AMD Ryzen 5 PRO 4650G	16268
AMD Ryzen 5 PRO 7530U	16228
AMD Ryzen 5 4500	16218
Intel Xeon D-2733NT @ 2.10GHz	16206
Intel Xeon Silver 4214 @ 2.20GHz	16190
Intel Core i5-11500H @ 2.90GHz	16150
AMD Ryzen 5 7530U	16117
Intel Xeon E5-2669 v3 @ 2.30GHz	16107
AMD Ryzen 5 4600G	16024
Intel Xeon E5-2660 v4 @ 2.00GHz	16005
Intel Core i7-11600H @ 2.90GHz	15992
Intel Xeon W-11865MLE @ 1.50GHz	15958
AMD Ryzen 7 4850U Mobile	15920
Intel Xeon E-2278GE @ 3.30GHz	15895
Intel Core i5-11260H @ 2.60GHz	15848
Intel Core i5-11400H @ 2.70GHz	15839
AMD Ryzen 7 5700U	15833
Intel Xeon Gold 5117 @ 2.00GHz	15816
Intel Core i9-10980HK @ 2.40GHz	15790
AMD Ryzen 7 2700	15737
AMD Ryzen 7 PRO 1700X	15698
Intel Core i7-1365U	15675
AMD Ryzen 7 1700X	15656
AMD Ryzen 5 4600GE	15641
Intel Xeon Gold 5215 @ 2.50GHz	15624
Intel Core i7-12700TE	15616
AMD Ryzen 5 PRO 4650GE	15615

Intel Xeon W-10885M @ 2.40GHz	15601
AMD Ryzen Embedded V3C18I	15541
Intel Xeon D-1726 @ 2.90GHz	15511
Apple M2 8 Core 3500 MHz	15471
AMD Ryzen 5 5600U	15464
Intel Xeon Gold 5217 @ 3.00GHz	15429
Intel Core i5-1345U	15409
Intel Xeon E5-4667 v3 @ 2.00GHz	15397
Intel Xeon E5-4660 v4 @ 2.20GHz	15375
AMD Ryzen 7 PRO 2700	15370
Intel Core i7-1355U	15357
Intel Xeon E5-2680 v3 @ 2.50GHz	15284
AMD Ryzen 5 PRO 4655G	15276
Intel Core i9-10885H @ 2.40GHz	15262
AMD Ryzen 7 PRO 4750U	15231
Intel Xeon Silver 4116T @ 2.10GHz	15187
Intel Xeon Silver 4210R @ 2.40GHz	15149
Intel Xeon Silver 4116 @ 2.10GHz	15146
AMD Ryzen 5 5625U	15140
Intel Xeon E-2286M @ 2.40GHz	15117
Intel Core i7-10875H @ 2.30GHz	15106
Intel Xeon D-2166NT @ 2.00GHz	15105
AMD Ryzen 5 5560U	15063
Intel Xeon Silver 4215R @ 3.20GHz	15056