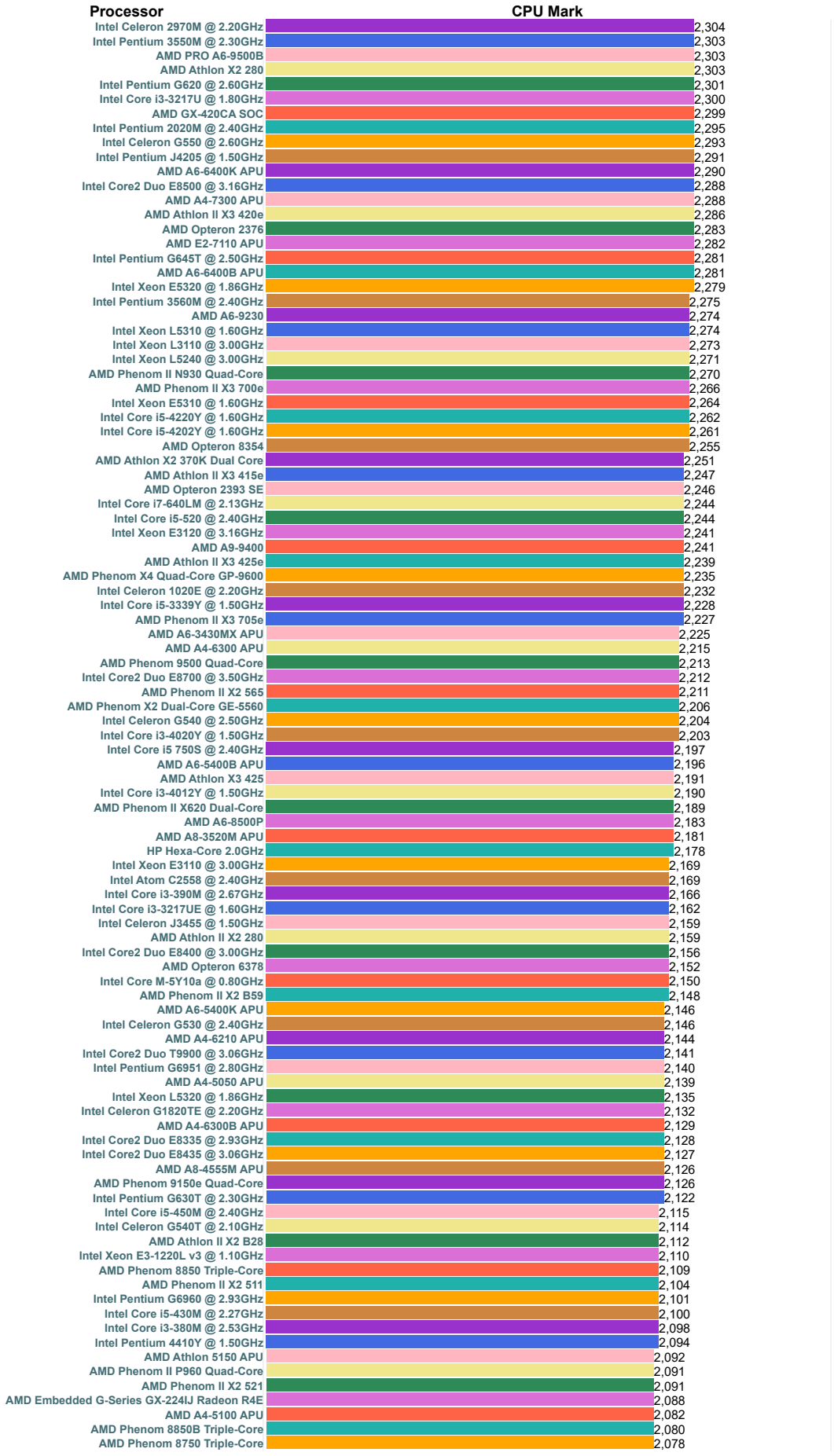
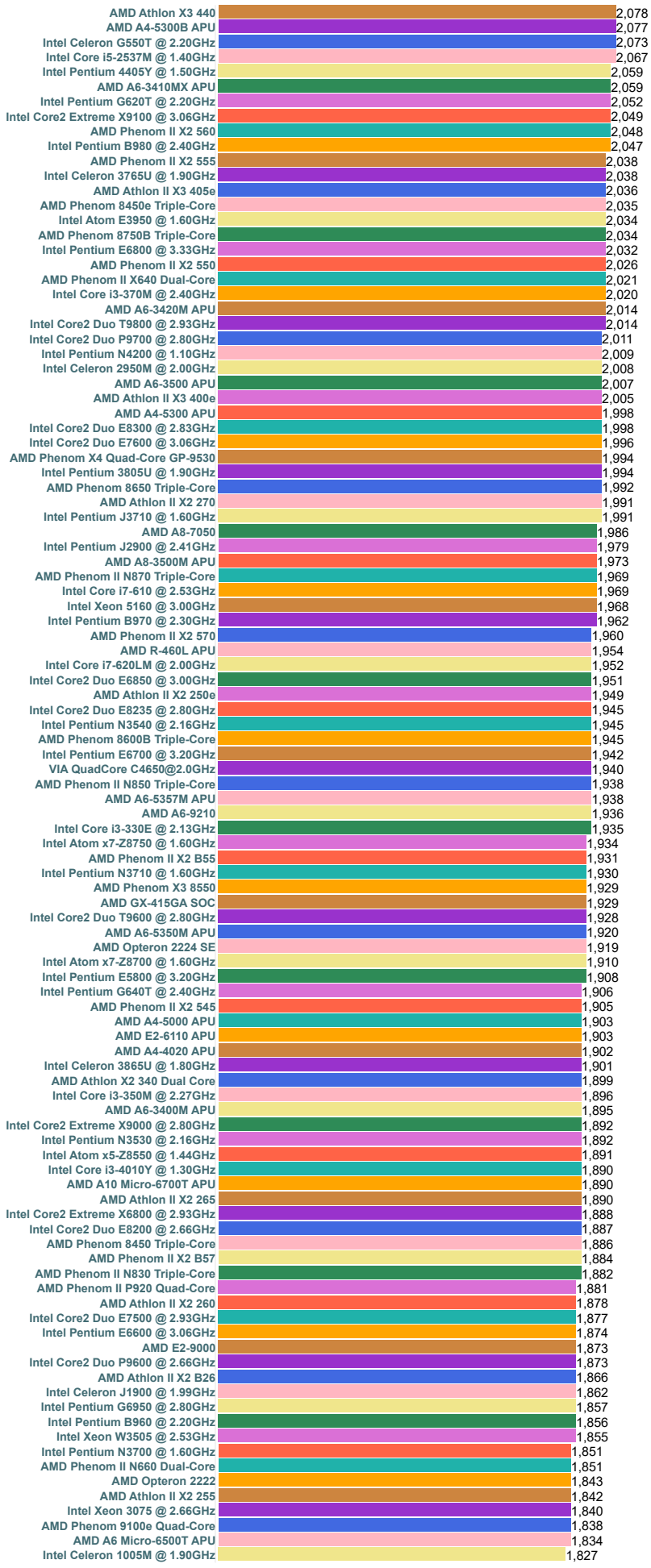
PassMark - CPU Mark

Low Mid Range CPUs - Updated 17th of January 2018

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Intel Core i5-2537M @ 1.40GHz 2,067
Intel Pentium 4405Y @ 1.50GHz 2,059
AMD A6-3410MX APU 2,059
Intel Pentium G620T @ 2.20GHz 2,052
Intel Core2 Extreme X9100 @ 3.06GHz 2,049
AMD Phenom II X2 560 2,048
Intel Pentium B980 @ 2.40GHz 2,047
AMD Phenom II X2 555 2,038
Intel Celeron 3765U @ 1.90GHz 2,038
AMD Athlon II X3 405e 2,036
AMD Phenom 8450e Triple-Core 2,035
Intel Atom E3950 @ 1.60GHz 2,034
AMD Phenom 8750B Triple-Core 2,034
Intel Pentium E6800 @ 3.33GHz 2,032
AMD Phenom II X2 550 2,026
AMD Phenom II X640 Dual-Core 2,021
Intel Core i3-370M @ 2.40GHz 2,020
AMD A6-3420M APU 2,014
Intel Core2 Duo T9800 @ 2.93GHz 2,014
Intel Core2 Duo P9700 @ 2.80GHz 2,011
Intel Pentium N4200 @ 1.10GHz 2,009
Intel Celeron 2950M @ 2.00GHz 2,008
AMD A6-3500 APU 2,007
AMD Athlon II X3 400e 2,005
AMD A4-5300 APU 1,998
Intel Core2 Duo E8300 @ 2.83GHz 1,998
Intel Core2 Duo E7600 @ 3.06GHz 1,996
AMD Phenom X4 Quad-Core GP-9530 1,994
Intel Pentium 3805U @ 1.90GHz 1,994
AMD Phenom 8650 Triple-Core 1,992
AMD Athlon II X2 270 1,991
Intel Pentium J3710 @ 1.60GHz 1,991
AMD A8-7050 1,986
Intel Pentium J2900 @ 2.41GHz 1,979
AMD A8-3500M APU 1,973
AMD Phenom II N870 Triple-Core 1,969
Intel Core i7-610 @ 2.53GHz 1,969
Intel Xeon 5160 @ 3.00GHz 1,968
Intel Pentium B970 @ 2.30GHz 1,962
AMD Phenom II X2 570 1,960
AMD R-460L APU 1,954
Intel Core i7-620LM @ 2.00GHz 1,952
Intel Core2 Duo E6850 @ 3.00GHz 1,951
AMD Athlon II X2 250e 1,949
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Intel Pentium N3540 @ 2.16GHz 1,945
AMD Phenom 8600B Triple-Core 1,945
Intel Pentium E6700 @ 3.20GHz 1,942
VIA QuadCore C4650@2.0GHz 1,940
AMD Phenom II N850 Triple-Core 1,938
AMD A6-5357M APU 1,938
AMD A6-9210 1,936
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AMD Phenom II X2 B55 1,931
Intel Pentium N3710 @ 1.60GHz 1,930
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AMD GX-415GA SOC 1,929
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AMD A6-5350M APU 1,920
AMD Opteron 2224 SE 1,919
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AMD E2-6110 APU 1,903
AMD A4-4020 APU 1,902
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AMD A6-3400M APU 1,895
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AMD Phenom 8450 Triple-Core 1,886
AMD Phenom II X2 B57 1,884
AMD Phenom II N830 Triple-Core 1,882
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Intel Pentium B960 @ 2.20GHz 1,856
Intel Xeon W3505 @ 2.53GHz 1,855
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AMD Phenom II N660 Dual-Core 1,851
AMD Opteron 2222 1,843
AMD Athlon II X2 255 1,842
Intel Xeon 3075 @ 2.66GHz 1,840
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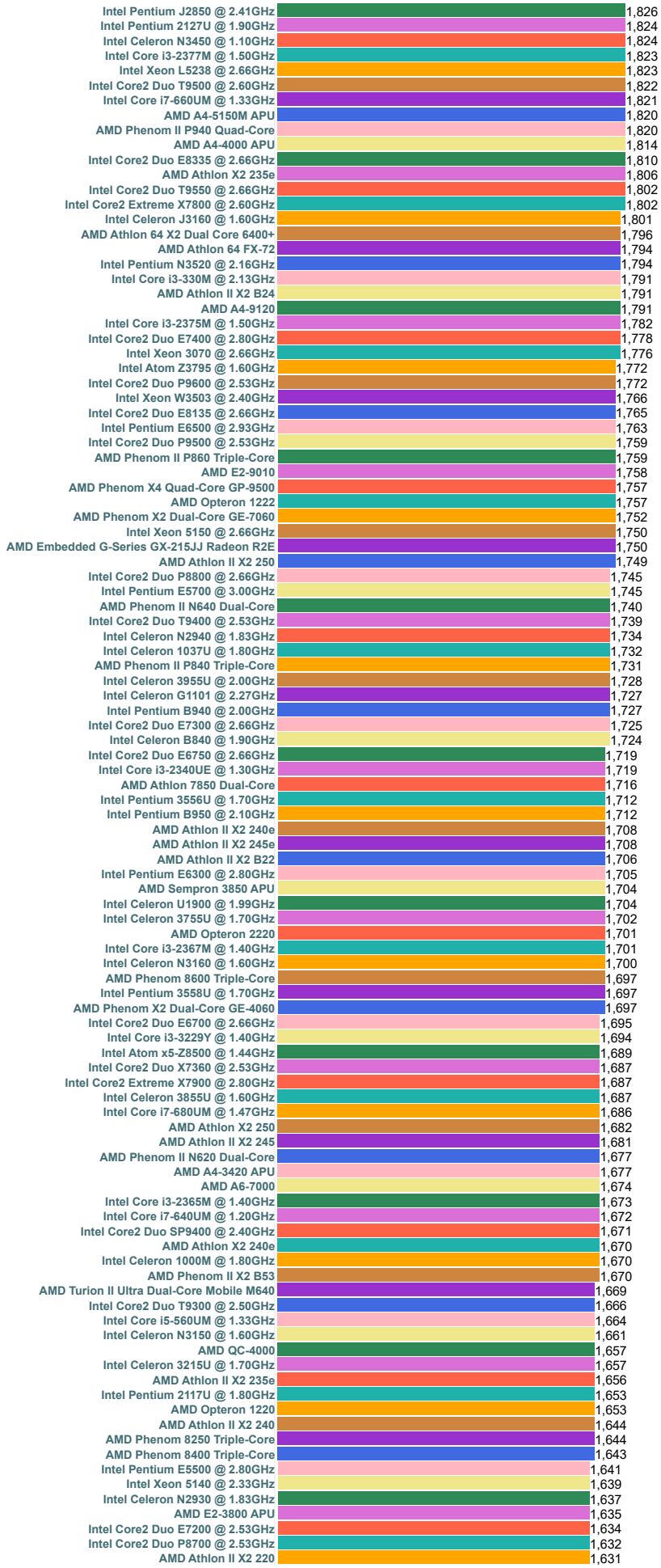
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AMD Phenom II P940 Quad-Core 1,820
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AMD Athlon 64 FX-72 1,794
Intel Pentium N3520 @ 2.16GHz 1,794
Intel Core i3-330M @ 2.13GHz 1,791
AMD Athlon II X2 B24 1,791
AMD A4-9120 1,791
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Intel Xeon 3070 @ 2.66GHz 1,776
Intel Atom Z3795 @ 1.60GHz 1,772
Intel Core2 Duo P9600 @ 2.53GHz 1,772
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Intel Pentium E6500 @ 2.93GHz 1,763
Intel Core2 Duo P9500 @ 2.53GHz 1,759
AMD Phenom II P860 Triple-Core 1,759
AMD E2-9010 1,758
AMD Phenom X4 Quad-Core GP-9500 1,757
AMD Opteron 1222 1,757
AMD Phenom X2 Dual-Core GE-7060 1,752
Intel Xeon 5150 @ 2.66GHz 1,750
AMD Embedded G-Series GX-215JJ Radeon R2E 1,750
AMD Athlon II X2 250 1,749
Intel Core2 Duo P8800 @ 2.66GHz 1,745
Intel Pentium E5700 @ 3.00GHz 1,745
AMD Phenom II N640 Dual-Core 1,740
Intel Core2 Duo T9400 @ 2.53GHz 1,739
Intel Celeron N2940 @ 1.83GHz 1,734
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AMD Phenom II P840 Triple-Core 1,731
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Intel Celeron G1101 @ 2.27GHz 1,727
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Intel Core2 Duo E6750 @ 2.66GHz 1,719
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AMD Athlon 7850 Dual-Core 1,716
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AMD Athlon II X2 B22 1,706
Intel Pentium E6300 @ 2.80GHz 1,705
AMD Sempron 3850 APU 1,704
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AMD Opteron 2220 1,701
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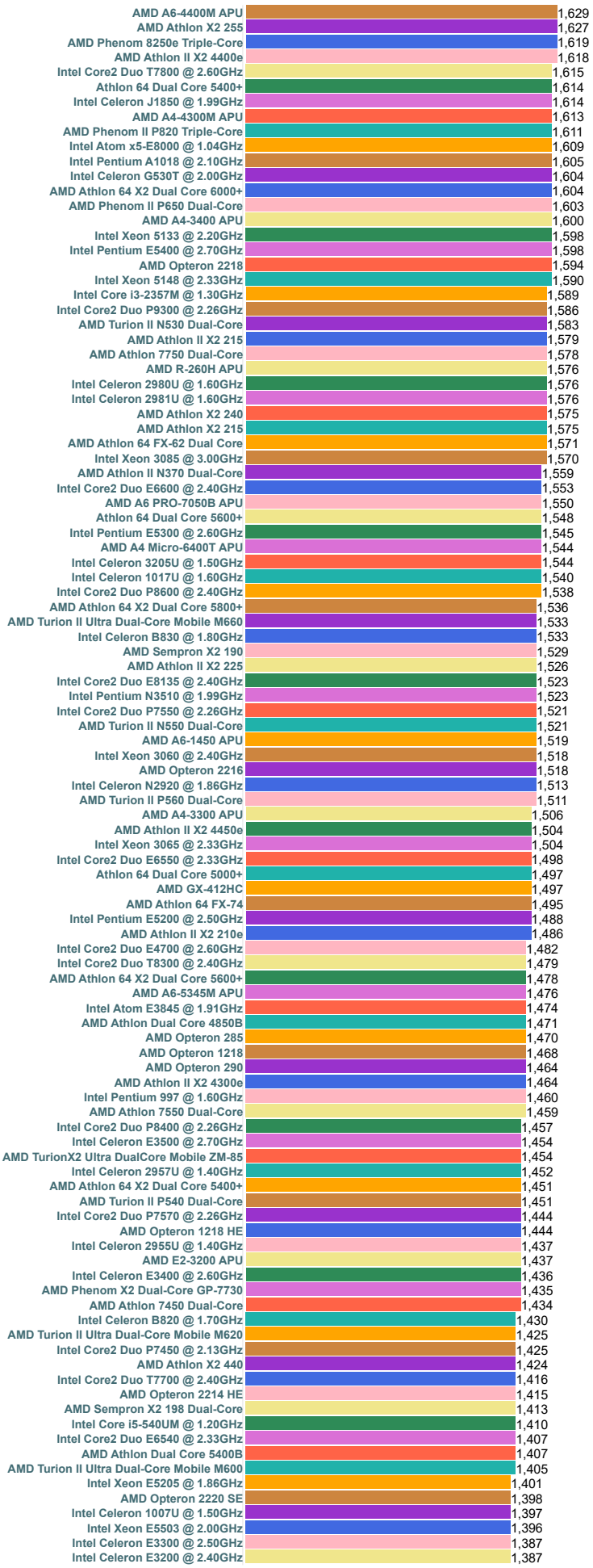
AMD Athlon II X2 220 1,631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AMD A4-3400 APU 1,600
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Intel Pentium E5400 @ 2.70GHz 1,598
AMD Opteron 2218 1,594
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AMD Turion II N530 Dual-Core 1,583
AMD Athlon II X2 215 1,579
AMD Athlon 7750 Dual-Core 1,578
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AMD Athlon X2 215 1,575
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Intel Celeron 1017U @ 1.60GHz 1,540
Intel Core2 Duo P8600 @ 2.40GHz 1,538
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AMD Sempron X2 190 1,529
AMD Athlon II X2 225 1,526
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AMD A6-1450 APU 1,519
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AMD Opteron 290 1,464
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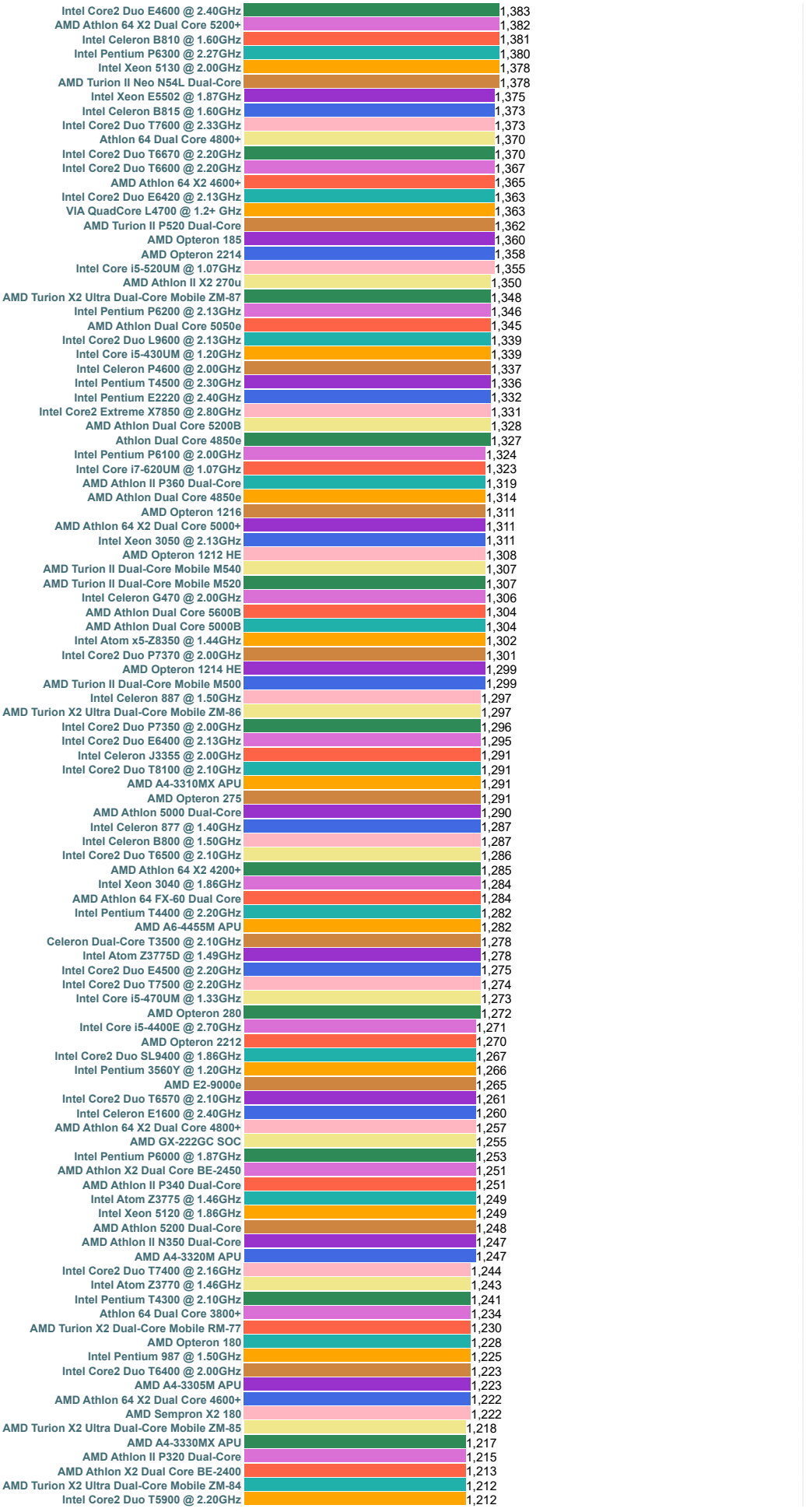
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AMD Turion II Neo N54L Dual-Core 1,378
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Intel Core2 Duo T6670 @ 2.20GHz 1,370
Intel Core2 Duo T6600 @ 2.20GHz 1,367
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Intel Core2 Duo E6420 @ 2.13GHz 1,363
VIA QuadCore L4700 @ 1.2+ GHz 1,363
AMD Turion II P520 Dual-Core 1,362
AMD Opteron 185 1,360
AMD Opteron 2214 1,358
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AMD Athlon II X2 270u 1,350
AMD Turion X2 Ultra Dual-Core Mobile ZM-87 1,348
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Intel Pentium E2220 @ 2.40GHz 1,332
Intel Core2 Extreme X7850 @ 2.80GHz 1,331
AMD Athlon Dual Core 5200B 1,328
Athlon Dual Core 4850e 1,327
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AMD Athlon Dual Core 4850e 1,314
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AMD Athlon 64 X2 Dual Core 5000+ 1,311
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AMD Opteron 1212 HE 1,308
AMD Turion II Dual-Core Mobile M540 1,307
AMD Turion II Dual-Core Mobile M520 1,307
Intel Celeron G470 @ 2.00GHz 1,306
AMD Athlon Dual Core 5600B 1,304
AMD Athlon Dual Core 5000B 1,304
Intel Atom x5-Z8350 @ 1.44GHz 1,302
Intel Core2 Duo P7370 @ 2.00GHz 1,301
AMD Opteron 1214 HE 1,299
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AMD Opteron 275 1,291
AMD Athlon 5000 Dual-Core 1,290
Intel Celeron 877 @ 1.40GHz 1,287
Intel Celeron B800 @ 1.50GHz 1,287
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Intel Xeon 3040 @ 1.86GHz 1,284
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AMD Opteron 2212 1,270
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AMD E2-9000e 1,265
Intel Core2 Duo T6570 @ 2.10GHz 1,261
Intel Celeron E1600 @ 2.40GHz 1,260
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AMD GX-222GC SOC 1,255
Intel Pentium P6000 @ 1.87GHz 1,253
AMD Athlon X2 Dual Core BE-2450 1,251
AMD Athlon II P340 Dual-Core 1,251
Intel Atom Z3775 @ 1.46GHz 1,249
Intel Xeon 5120 @ 1.86GHz 1,249
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AMD A4-3320M APU 1,247
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AMD Sempron X2 180 1,222
AMD Turion X2 Ultra Dual-Core Mobile ZM-85 1,218
AMD A4-3330MX APU 1,217
AMD Athlon II P320 Dual-Core 1,215
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AMD Turion X2 Ultra Dual-Core Mobile ZM-84 1,212
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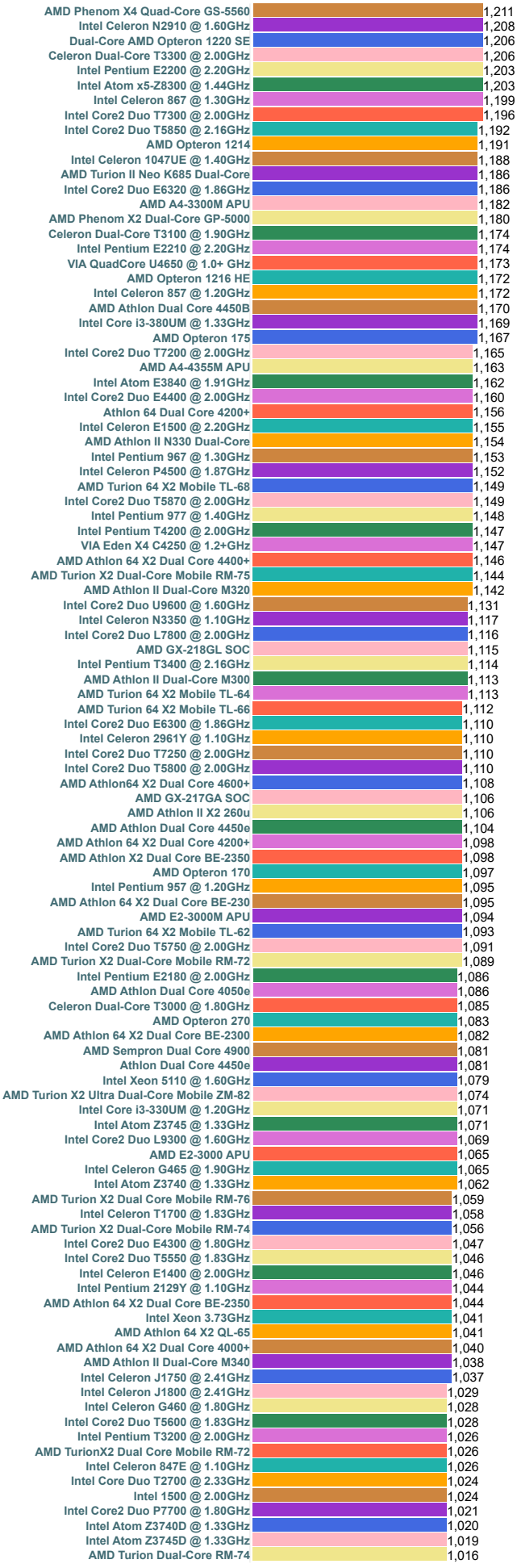
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Dual-Core AMD Opteron 1220 SE 1,206
Celeron Dual-Core T3300 @ 2.00GHz 1,206
Intel Pentium E2200 @ 2.20GHz 1,203
Intel Atom x5-Z8300 @ 1.44GHz 1,203
Intel Celeron 867 @ 1.30GHz 1,199
Intel Core2 Duo T7300 @ 2.00GHz 1,196
Intel Core2 Duo T5850 @ 2.16GHz 1,192
AMD Opteron 1214 1,191
Intel Celeron 1047UE @ 1.40GHz 1,188
AMD Turion II Neo K685 Dual-Core 1,186
Intel Core2 Duo E6320 @ 1.86GHz 1,186
AMD A4-3300M APU 1,182
AMD Phenom X2 Dual-Core GP-5000 1,180
Celeron Dual-Core T3100 @ 1.90GHz 1,174
Intel Pentium E2210 @ 2.20GHz 1,174
VIA QuadCore U4650 @ 1.0+ GHz 1,173
AMD Opteron 1216 HE 1,172
Intel Celeron 857 @ 1.20GHz 1,172
AMD Athlon Dual Core 4450B 1,170
Intel Core i3-380UM @ 1.33GHz 1,169
AMD Opteron 175 1,167
Intel Core2 Duo T7200 @ 2.00GHz 1,165
AMD A4-4355M APU 1,163
Intel Atom E3840 @ 1.91GHz 1,162
Intel Core2 Duo E4400 @ 2.00GHz 1,160
Athlon 64 Dual Core 4200+ 1,156
Intel Celeron E1500 @ 2.20GHz 1,155
AMD Athlon II N330 Dual-Core 1,154
Intel Pentium 967 @ 1.30GHz 1,153
Intel Celeron P4500 @ 1.87GHz 1,152
AMD Turion 64 X2 Mobile TL-68 1,149
Intel Core2 Duo T5870 @ 2.00GHz 1,149
Intel Pentium 977 @ 1.40GHz 1,148
Intel Pentium T4200 @ 2.00GHz 1,147
VIA Eden X4 C4250 @ 1.2+GHz 1,147
AMD Athlon 64 X2 Dual Core 4400+ 1,146
AMD Turion X2 Dual-Core Mobile RM-75 1,144
AMD Athlon II Dual-Core M320 1,142
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Intel Celeron N3350 @ 1.10GHz 1,117
Intel Core2 Duo L7800 @ 2.00GHz 1,116
AMD GX-218GL SOC 1,115
Intel Pentium T3400 @ 2.16GHz 1,114
AMD Athlon II Dual-Core M300 1,113
AMD Turion 64 X2 Mobile TL-64 1,113
AMD Turion 64 X2 Mobile TL-66 1,112
Intel Core2 Duo E6300 @ 1.86GHz 1,110
Intel Celeron 2961Y @ 1.10GHz 1,110
Intel Core2 Duo T7250 @ 2.00GHz 1,110
Intel Core2 Duo T5800 @ 2.00GHz 1,110
AMD Athlon64 X2 Dual Core 4600+ 1,108
AMD GX-217GA SOC 1,106
AMD Athlon II X2 260u 1,106
AMD Athlon Dual Core 4450e 1,104
AMD Athlon 64 X2 Dual Core 4200+ 1,098
AMD Athlon X2 Dual Core BE-2350 1,098
AMD Opteron 170 1,097
Intel Pentium 957 @ 1.20GHz 1,095
AMD Athlon 64 X2 Dual Core BE-230 1,095
AMD E2-3000M APU 1,094
AMD Turion 64 X2 Mobile TL-62 1,093
Intel Core2 Duo T5750 @ 2.00GHz 1,091
AMD Turion X2 Dual-Core Mobile RM-72 1,089
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AMD Opteron 270 1,083
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AMD Sempron Dual Core 4900 1,081
Athlon Dual Core 4450e 1,081
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Intel Xeon 3.73GHz 1,041
AMD Athlon 64 X2 QL-65 1,041
AMD Athlon 64 X2 Dual Core 4000+ 1,040
AMD Athlon II Dual-Core M340 1,038
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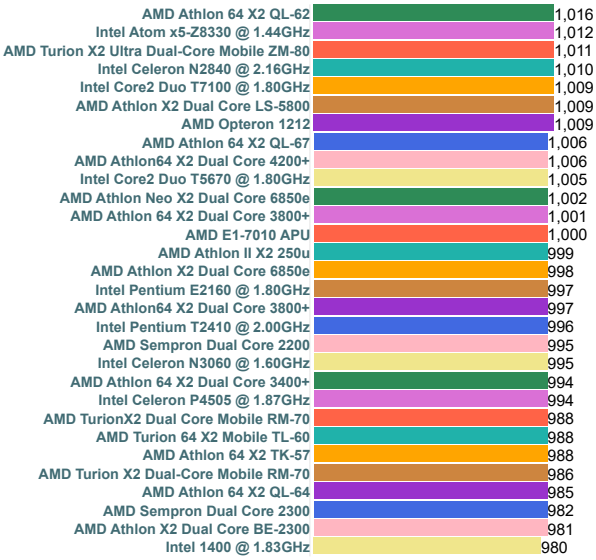
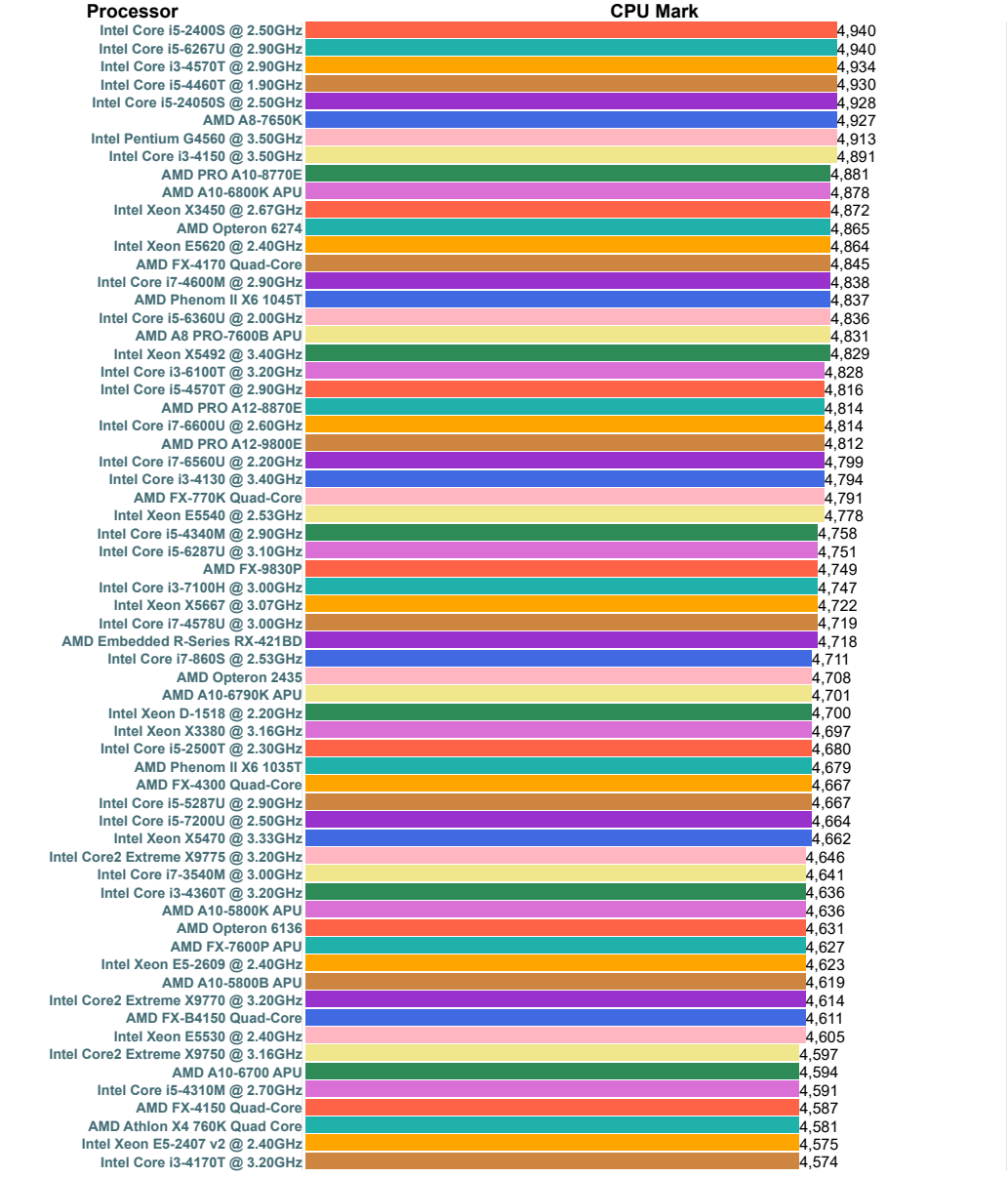
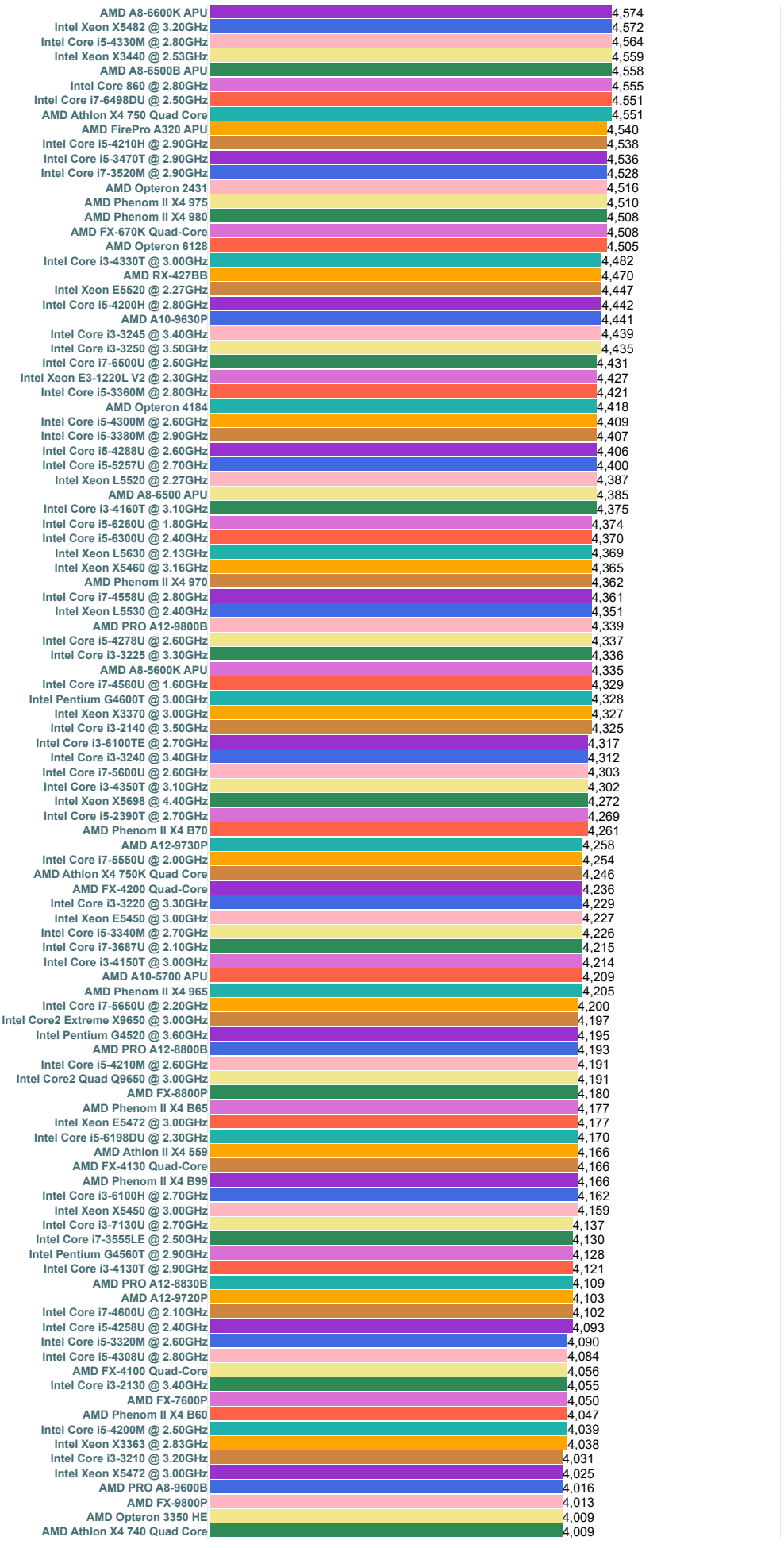


PassMark - CPU Mark

High Mid Range CPUs - Updated 17th of January 2018

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AMD A8-6500B APU 4,558
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AMD Athlon X4 750 Quad Core 4,551
AMD FirePro A320 APU 4,540
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Intel Core i5-3470T @ 2.90GHz 4,536
Intel Core i7-3520M @ 2.90GHz 4,528
AMD Opteron 2431 4,516
AMD Phenom II X4 975 4,510
AMD Phenom II X4 980 4,508
AMD FX-670K Quad-Core 4,508
AMD Opteron 6128 4,505
Intel Core i3-4330T @ 3.00GHz 4,482
AMD RX-427BB 4,470
Intel Xeon E5520 @ 2.27GHz 4,447
Intel Core i5-4200H @ 2.80GHz 4,442
AMD A10-9630P 4,441
Intel Core i3-3245 @ 3.40GHz 4,439
Intel Core i3-3250 @ 3.50GHz 4,435
Intel Core i7-6500U @ 2.50GHz 4,431
Intel Xeon E3-1220L V2 @ 2.30GHz 4,427
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AMD Opteron 4184 4,418
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Intel Xeon L5630 @ 2.13GHz 4,369
Intel Xeon X5460 @ 3.16GHz 4,365
AMD Phenom II X4 970 4,362
Intel Core i7-4558U @ 2.80GHz 4,361
Intel Xeon L5530 @ 2.40GHz 4,351
AMD PRO A12-9800B 4,339
Intel Core i5-4278U @ 2.60GHz 4,337
Intel Core i3-3225 @ 3.30GHz 4,336
AMD A8-5600K APU 4,335
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Intel Pentium G4600T @ 3.00GHz 4,328
Intel Xeon X3370 @ 3.00GHz 4,327
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Intel Xeon X5698 @ 4.40GHz 4,272
Intel Core i5-2390T @ 2.70GHz 4,269
AMD Phenom II X4 B70 4,261
AMD A12-9730P 4,258
Intel Core i7-5550U @ 2.00GHz 4,254
AMD Athlon X4 750K Quad Core 4,246
AMD FX-4200 Quad-Core 4,236
Intel Core i3-3220 @ 3.30GHz 4,229
Intel Xeon E5450 @ 3.00GHz 4,227
Intel Core i5-3340M @ 2.70GHz 4,226
Intel Core i7-3687U @ 2.10GHz 4,215
Intel Core i3-4150T @ 3.00GHz 4,214
AMD A10-5700 APU 4,209
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Intel Pentium G4520 @ 3.60GHz 4,195
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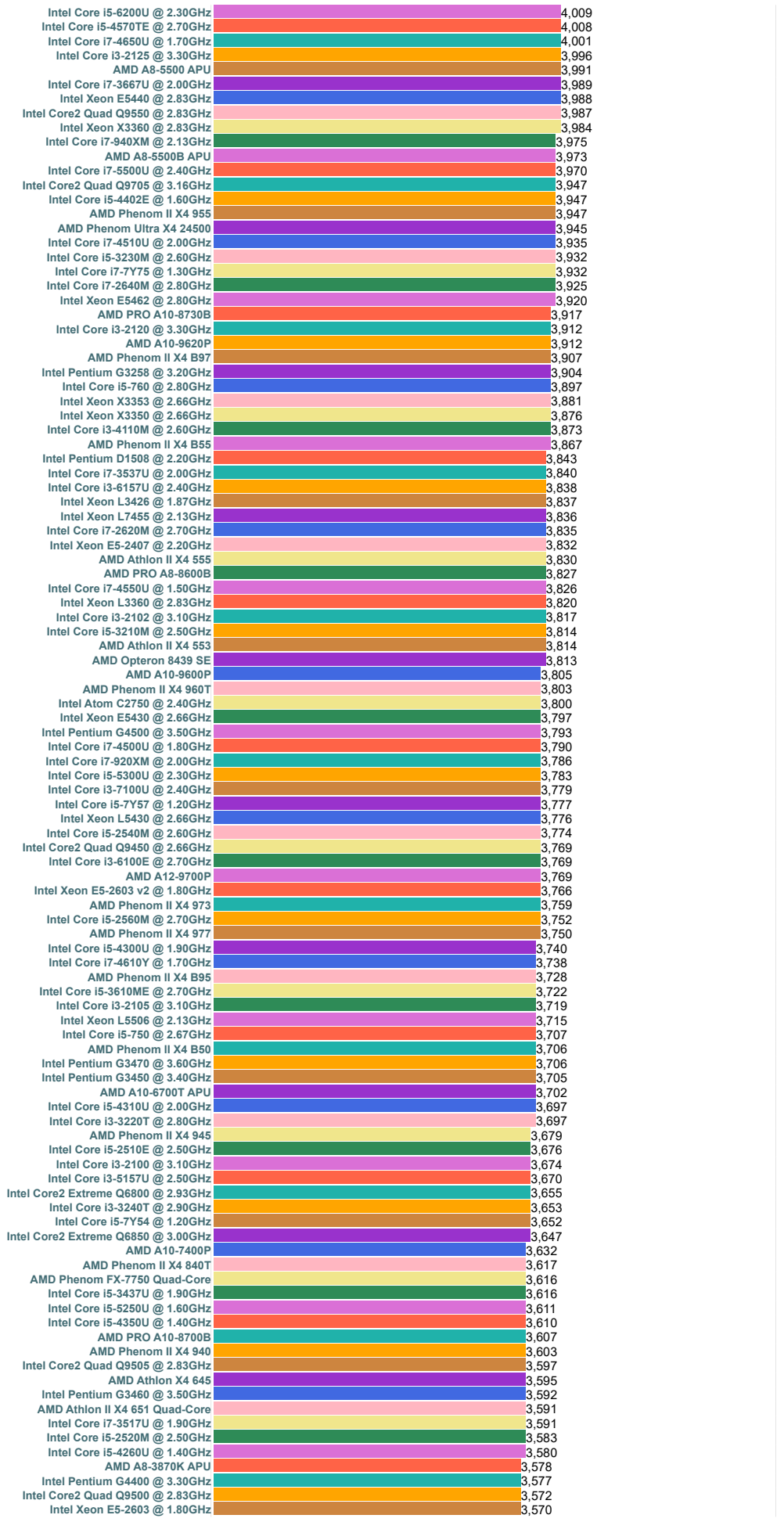
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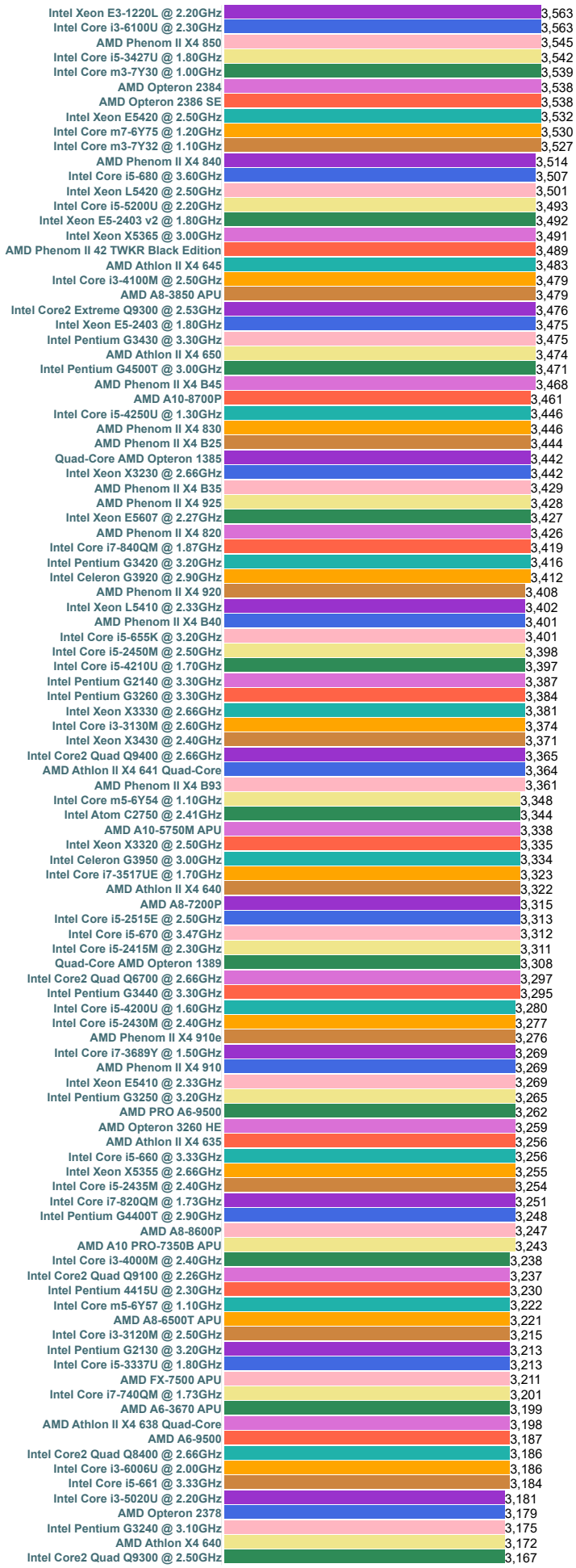
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AMD Phenom II X4 B25 3,444
Quad-Core AMD Opteron 1385 3,442
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Intel Xeon X5355 @ 2.66GHz 3,255
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Intel Core i7-820QM @ 1.73GHz 3,251
Intel Pentium G4400T @ 2.90GHz 3,248
AMD A8-8600P 3,247
AMD A10 PRO-7350B APU 3,243
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Intel Core2 Quad Q9100 @ 2.26GHz 3,237
Intel Pentium 4415U @ 2.30GHz 3,230
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AMD A8-6500T APU 3,221
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Intel Pentium G2130 @ 3.20GHz 3,213
Intel Core i5-3337U @ 1.80GHz 3,213
AMD FX-7500 APU 3,211
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AMD Athlon II X4 638 Quad-Core 3,198
AMD A6-9500 3,187
Intel Core2 Quad Q8400 @ 2.66GHz 3,186
Intel Core i3-6006U @ 2.00GHz 3,186
Intel Core i5-661 @ 3.33GHz 3,184
Intel Core i3-5020U @ 2.20GHz 3,181
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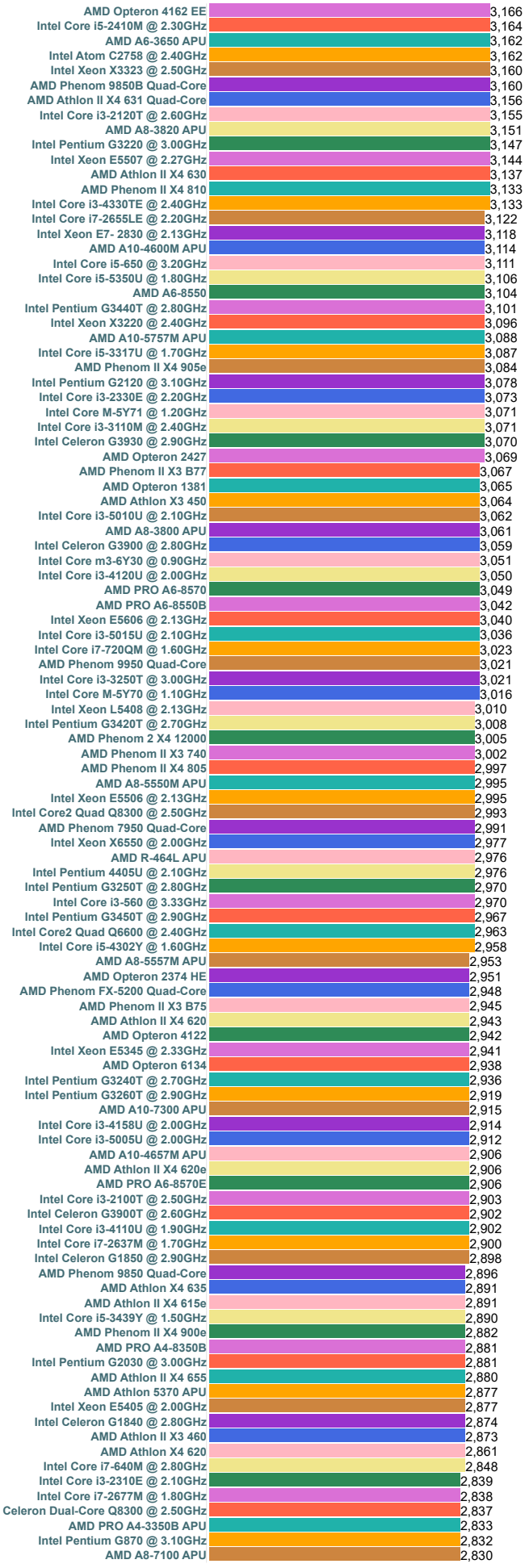
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AMD Athlon II X4 631 Quad-Core 3,156
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AMD A8-5557M APU 2,953
AMD Opteron 2374 HE 2,951
AMD Phenom FX-5200 Quad-Core 2,948
AMD Phenom II X3 B75 2,945
AMD Athlon II X4 620 2,943
AMD Opteron 4122 2,942
Intel Xeon E5345 @ 2.33GHz 2,941
AMD Opteron 6134 2,938
Intel Pentium G3240T @ 2.70GHz 2,936
Intel Pentium G3260T @ 2.90GHz 2,919
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AMD PRO A4-8350B 2,881
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Intel Core i3-2310E @ 2.10GHz 2,839
Intel Core i7-2677M @ 1.80GHz 2,838
Celeron Dual-Core Q8300 @ 2.50GHz 2,837
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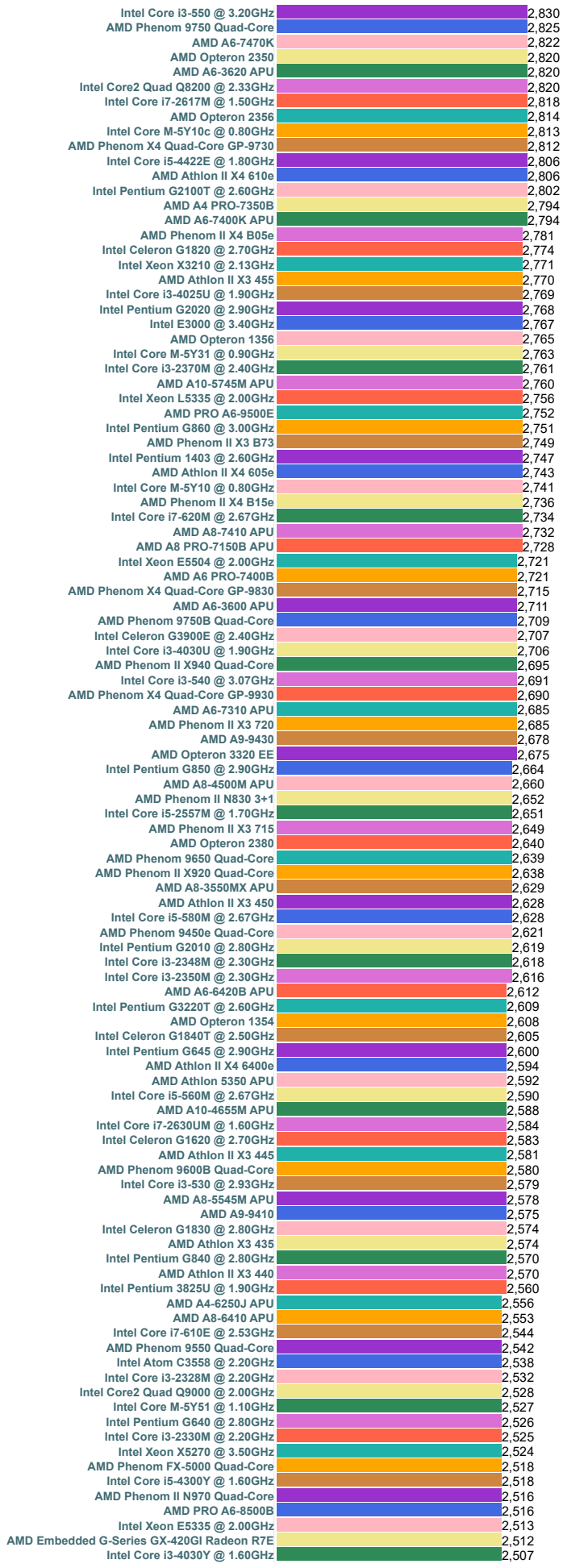
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AMD A8-3550MX APU 2,629
AMD Athlon II X3 450 2,628
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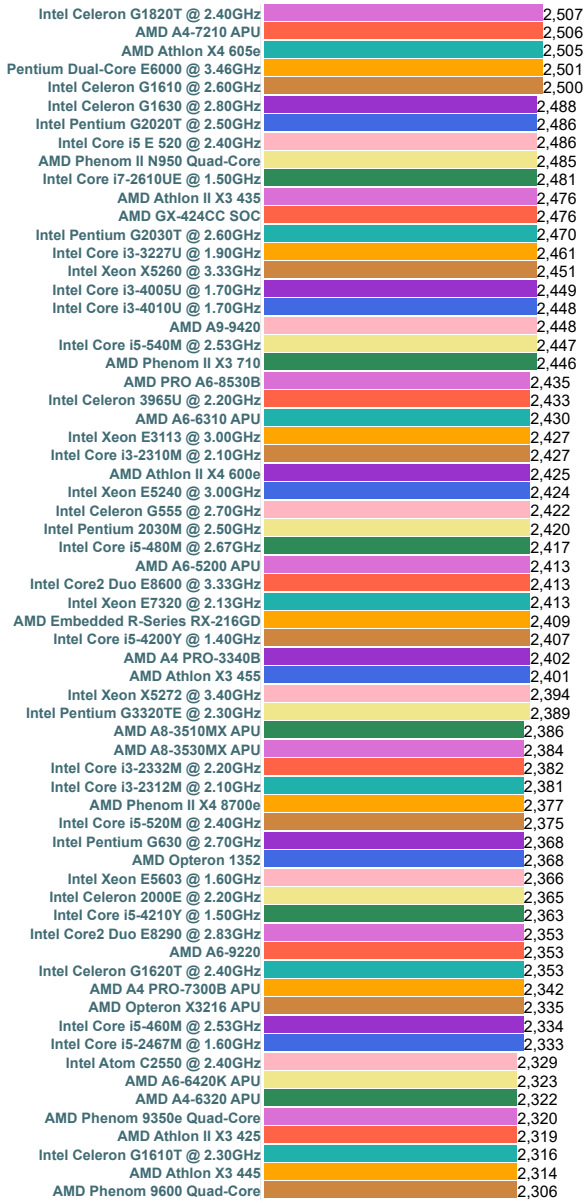
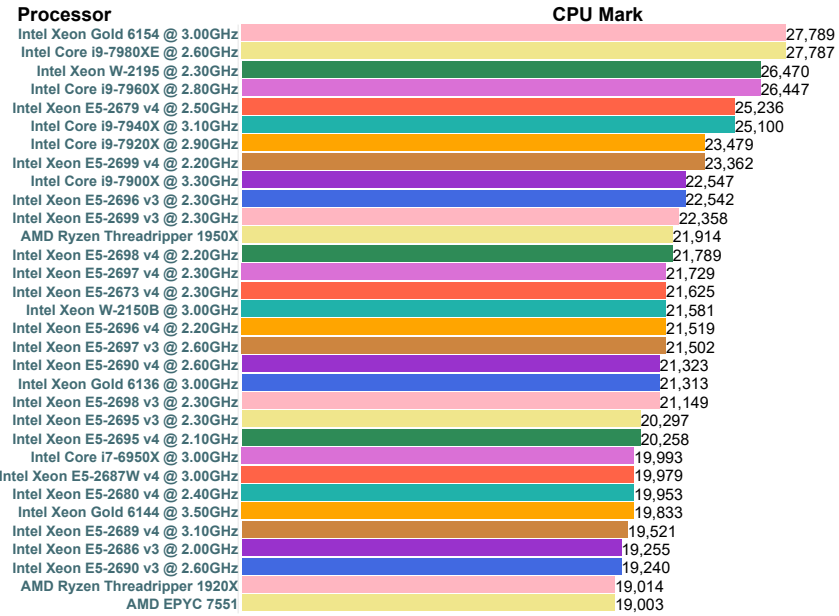
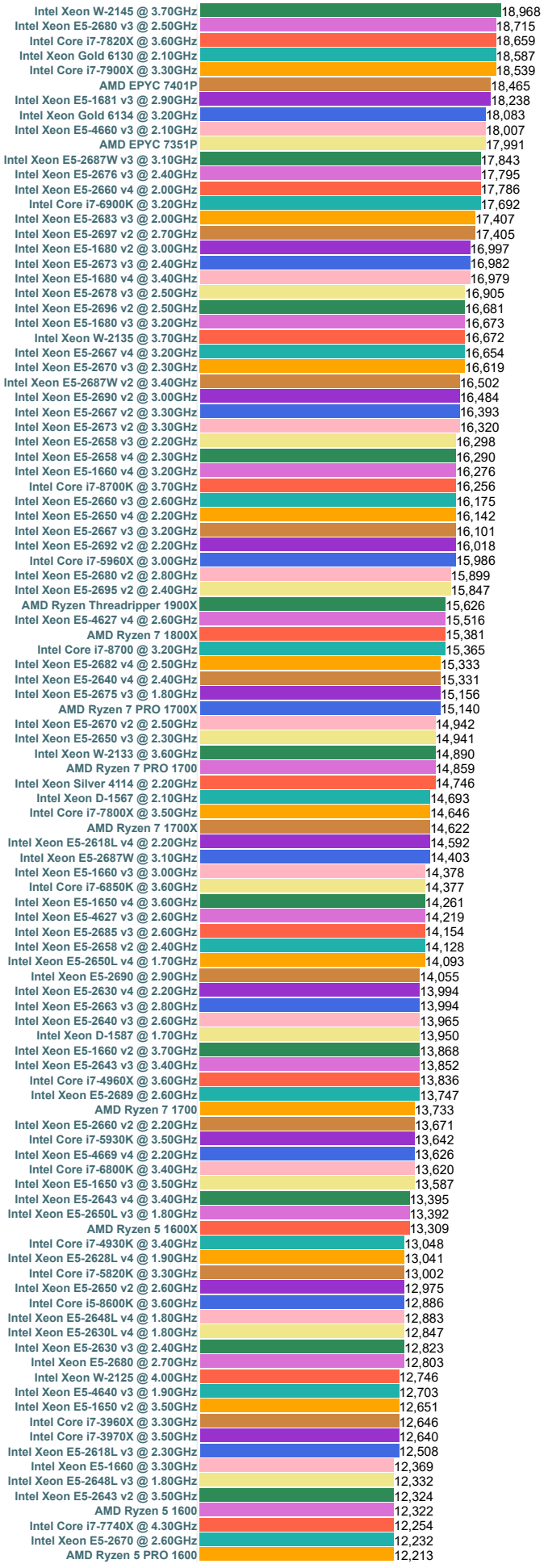


PassMark - CPU Mark

High End CPUs - Updated 17th of January 2018

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AMD EPYC 7401P 18,465
Intel Xeon E5-1681 v3 @ 2.90GHz 18,238
Intel Xeon Gold 6134 @ 3.20GHz 18,083
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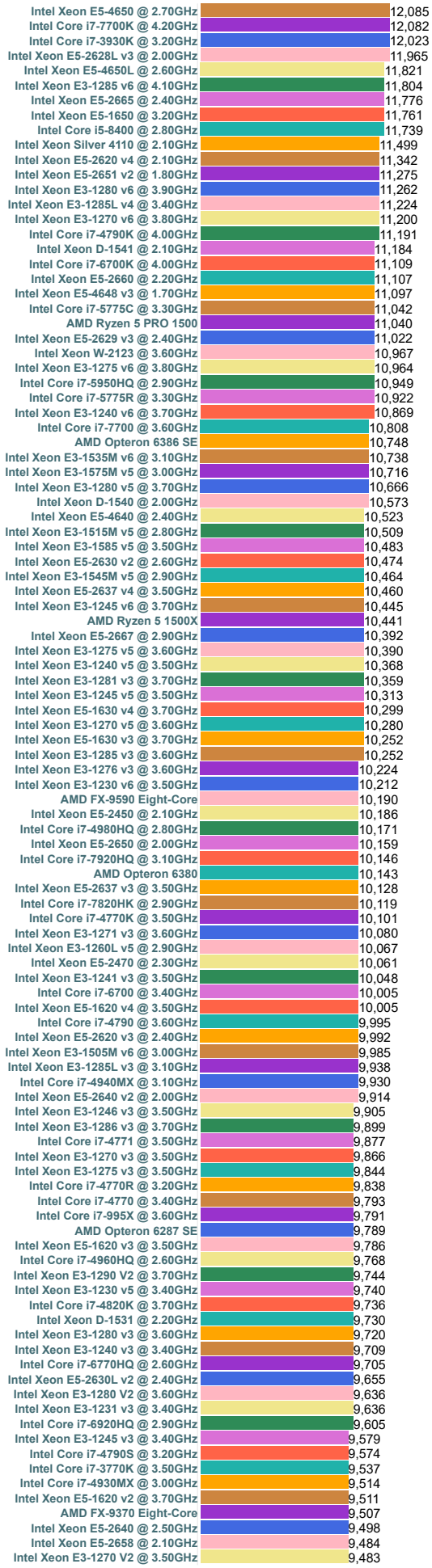
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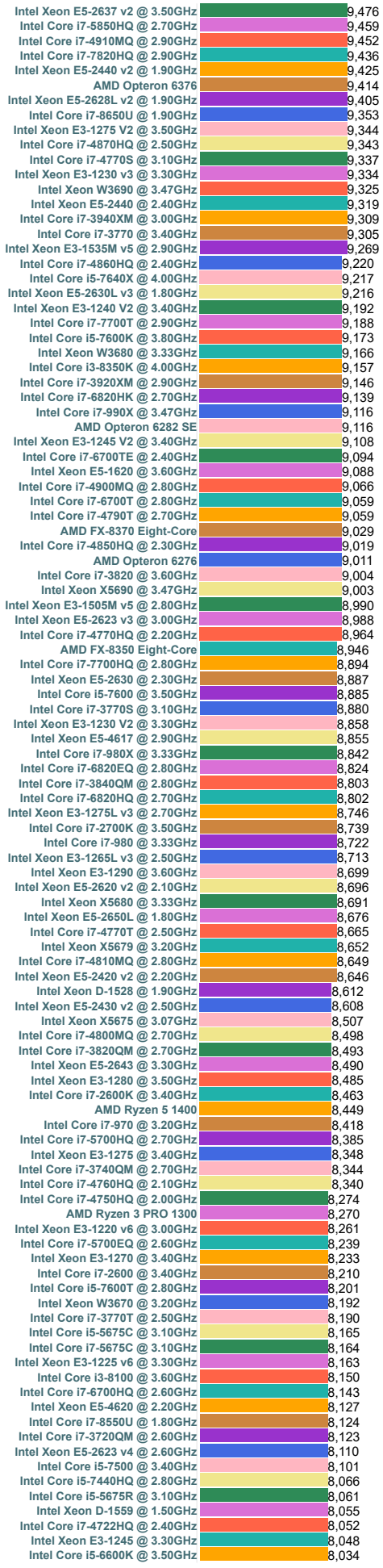
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Intel Core i7-6700TE @ 2.40GHz 9,094
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Intel Core i7-3770S @ 3.10GHz 8,880
Intel Xeon E3-1230 V2 @ 3.30GHz 8,858
Intel Xeon E5-4617 @ 2.90GHz 8,855
Intel Core i7-980X @ 3.33GHz 8,842
Intel Core i7-6820EQ @ 2.80GHz 8,824
Intel Core i7-3840QM @ 2.80GHz 8,803
Intel Core i7-6820HQ @ 2.70GHz 8,802
Intel Xeon E3-1275L v3 @ 2.70GHz 8,746
Intel Core i7-2700K @ 3.50GHz 8,739
Intel Core i7-980 @ 3.33GHz 8,722
Intel Xeon E3-1265L v3 @ 2.50GHz 8,713
Intel Xeon E3-1290 @ 3.60GHz 8,699
Intel Xeon E5-2620 v2 @ 2.10GHz 8,696
Intel Xeon X5680 @ 3.33GHz 8,691
Intel Xeon E5-2650L @ 1.80GHz 8,676
Intel Core i7-4770T @ 2.50GHz 8,665
Intel Xeon X5679 @ 3.20GHz 8,652
Intel Core i7-4810MQ @ 2.80GHz 8,649
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Intel Xeon W3670 @ 3.20GHz 8,192
Intel Core i7-3770T @ 2.50GHz 8,190
Intel Core i5-5675C @ 3.10GHz 8,165
Intel Core i7-5675C @ 3.10GHz 8,164
Intel Xeon E3-1225 v6 @ 3.30GHz 8,163
Intel Core i3-8100 @ 3.60GHz 8,150
Intel Core i7-6700HQ @ 2.60GHz 8,143
Intel Xeon E5-4620 @ 2.20GHz 8,127
Intel Core i7-8550U @ 1.80GHz 8,124
Intel Core i7-3720QM @ 2.60GHz 8,123
Intel Xeon E5-2623 v4 @ 2.60GHz 8,110
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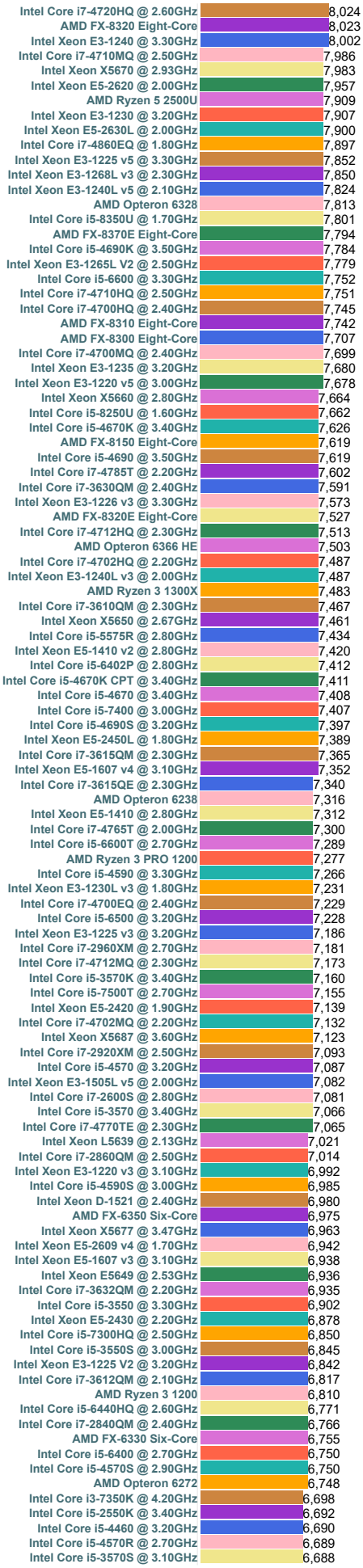
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Intel Xeon E3-1240L v5 @ 2.10GHz 7,824
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Intel Core i7-3615QE @ 2.30GHz 7,340
AMD Opteron 6238 7,316
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AMD Ryzen 3 PRO 1200 7,277
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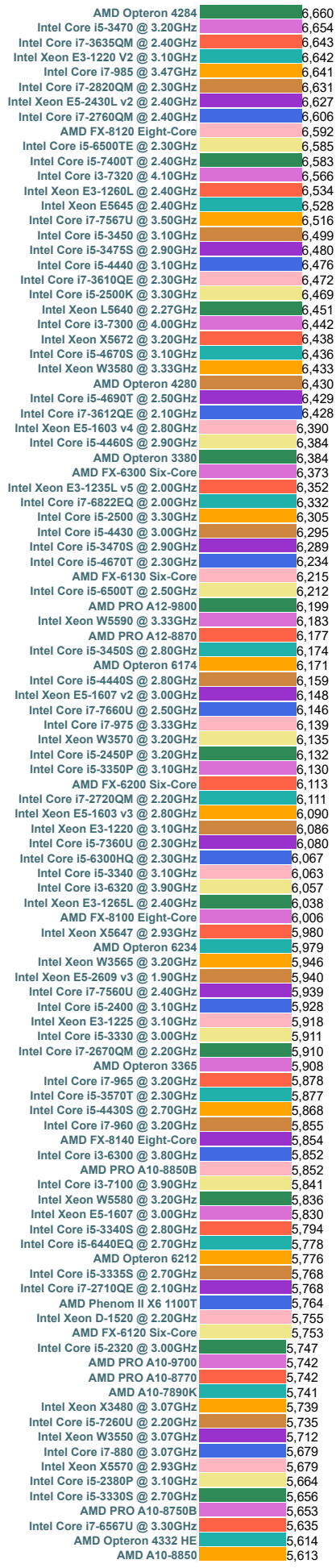
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Intel Xeon E5-1603 v3 @ 2.80GHz 6,090
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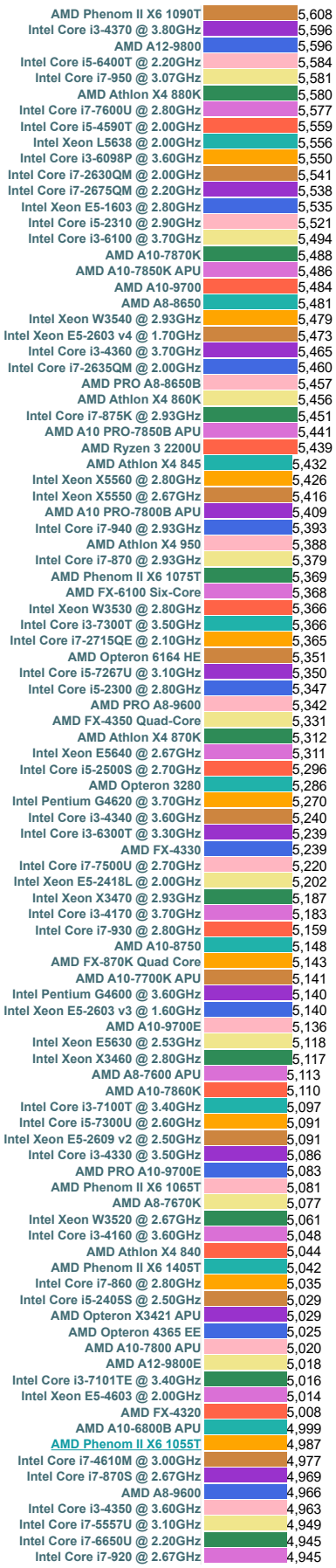
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AMD FX-6100 Six-Core 5,368
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Intel Core i3-7300T @ 3.50GHz 5,366
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AMD FX-4350 Quad-Core 5,331
AMD Athlon X4 870K 5,312
Intel Xeon E5640 @ 2.67GHz 5,311
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Intel Pentium G4620 @ 3.70GHz 5,270
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AMD A8-7600 APU 5,113
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Intel Core i3-7100T @ 3.40GHz 5,097
Intel Core i5-7300U @ 2.60GHz 5,091
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Intel Core i3-4160 @ 3.60GHz 5,048
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AMD Opteron X3421 APU 5,029
AMD Opteron 4365 EE 5,025
AMD A10-7800 APU 5,020
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Intel Xeon E5-4603 @ 2.00GHz 5,014
AMD FX-4320 5,008
AMD A10-6800B APU 4,999
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