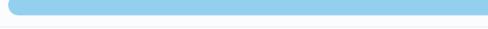
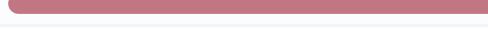
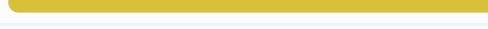
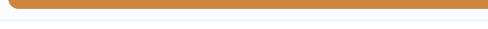
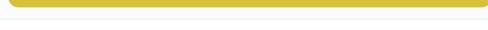
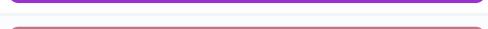
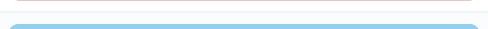
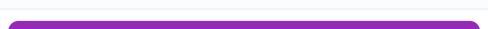
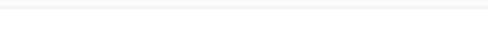


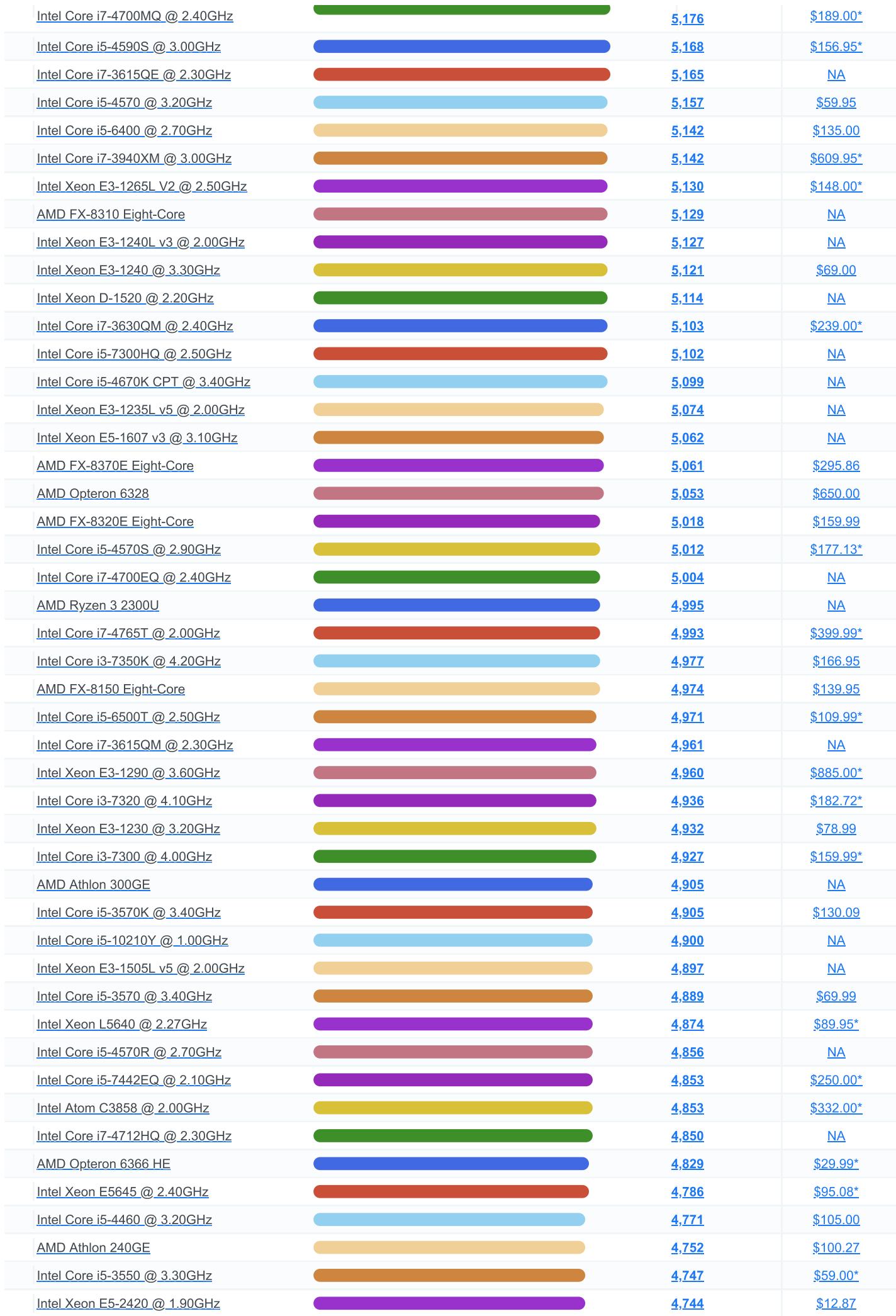
PassMark - CPU Mark

High Mid Range CPUs

Updated 5th of June 2020

CPU	CPU Mark	Price (USD)
Intel Xeon E5-2630L @ 2.00GHz		5,473 NA
Intel Core i7-2600K @ 3.40GHz		5,472 \$129.88
Intel Core i7-4785T @ 2.20GHz		5,470 NA
Intel Xeon E3-1280 @ 3.50GHz		5,457 \$140.00*
Intel Core i7-4710HQ @ 2.50GHz		5,452 \$378.00*
AMD Ryzen Embedded V1404I		5,445 NA
Intel Core i5-760S @ 2.53GHz		5,440 NA
Intel Core i5-4690K @ 3.50GHz		5,439 \$165.10
Intel Core i5-7500T @ 2.70GHz		5,438 \$220.00*
Intel Core i5-6440EQ @ 2.70GHz		5,432 NA
Intel Core i7-3820QM @ 2.70GHz		5,430 \$285.00*
Intel Xeon X5687 @ 3.60GHz		5,411 \$46.50
Intel Xeon E3-1270 @ 3.40GHz		5,408 \$50.00
Intel Xeon E3-1268L v3 @ 2.30GHz		5,401 NA
Intel Core i5-5575R @ 2.80GHz		5,387 NA
Intel Core i3-8100T @ 3.10GHz		5,374 \$149.05
Intel Core i7-4702HQ @ 2.20GHz		5,366 NA
Intel Core i7-3770T @ 2.50GHz		5,364 \$329.99*
Intel Core i7-2600 @ 3.40GHz		5,358 \$89.95
Intel Core i5-6440HQ @ 2.60GHz		5,352 NA
AMD Opteron 6164 HE		5,351 NA
Intel Core i5-4670S @ 3.10GHz		5,329 \$213.00*
Intel Core i5-4670R @ 3.00GHz		5,314 \$276.00*
AMD FX-8300 Eight-Core		5,313 \$149.95
Intel Core i5-4590 @ 3.30GHz		5,304 \$60.28
Intel Core i7-6822EQ @ 2.00GHz		5,304 NA
Intel Xeon E5-2430L @ 2.00GHz		5,299 \$32.28*
Intel Core i5-4690S @ 3.20GHz		5,285 \$359.21*
Intel Core i7-4702MQ @ 2.20GHz		5,278 \$218.45*
AMD FX-8320 Eight-Core		5,265 \$169.95
AMD Opteron 6172		5,261 \$34.30
Intel Core i3-1005G1 @ 1.20GHz		5,247 \$281.00*
Intel Xeon E3-1245 @ 3.30GHz		5,244 \$90.99
Intel Xeon E3-1220 v3 @ 3.10GHz		5,223 \$78.99
Intel Core i5-6500TE @ 2.30GHz		5,217 \$199.99*
Intel Xeon E3-1225 v3 @ 3.20GHz		5,214 \$59.99
Intel Core i7-4860EQ @ 1.80GHz		5,213 NA
AMD Opteron 6136		5,202 \$38.99
AMD Opteron 6238		5,199 \$349.89
Intel Core i7-3610QM @ 2.30GHz		5,193 \$399.99*
Intel Xeon E5-2620 @ 2.00GHz		5,182 \$19.94
Intel Xeon X5672 @ 3.20GHz		5,179 \$44.99*

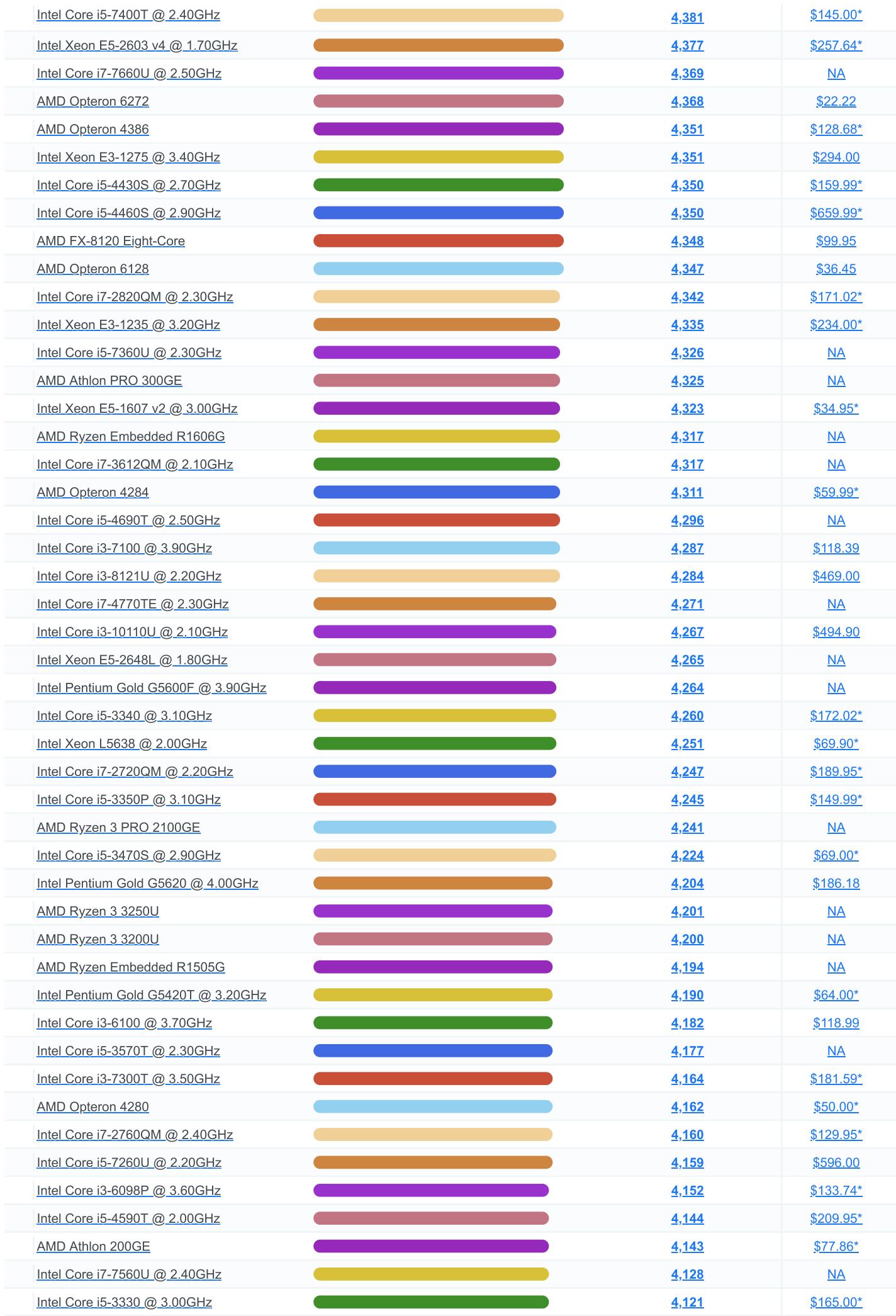
PassMark CPU Benchmarks - High Mid Range CPUs

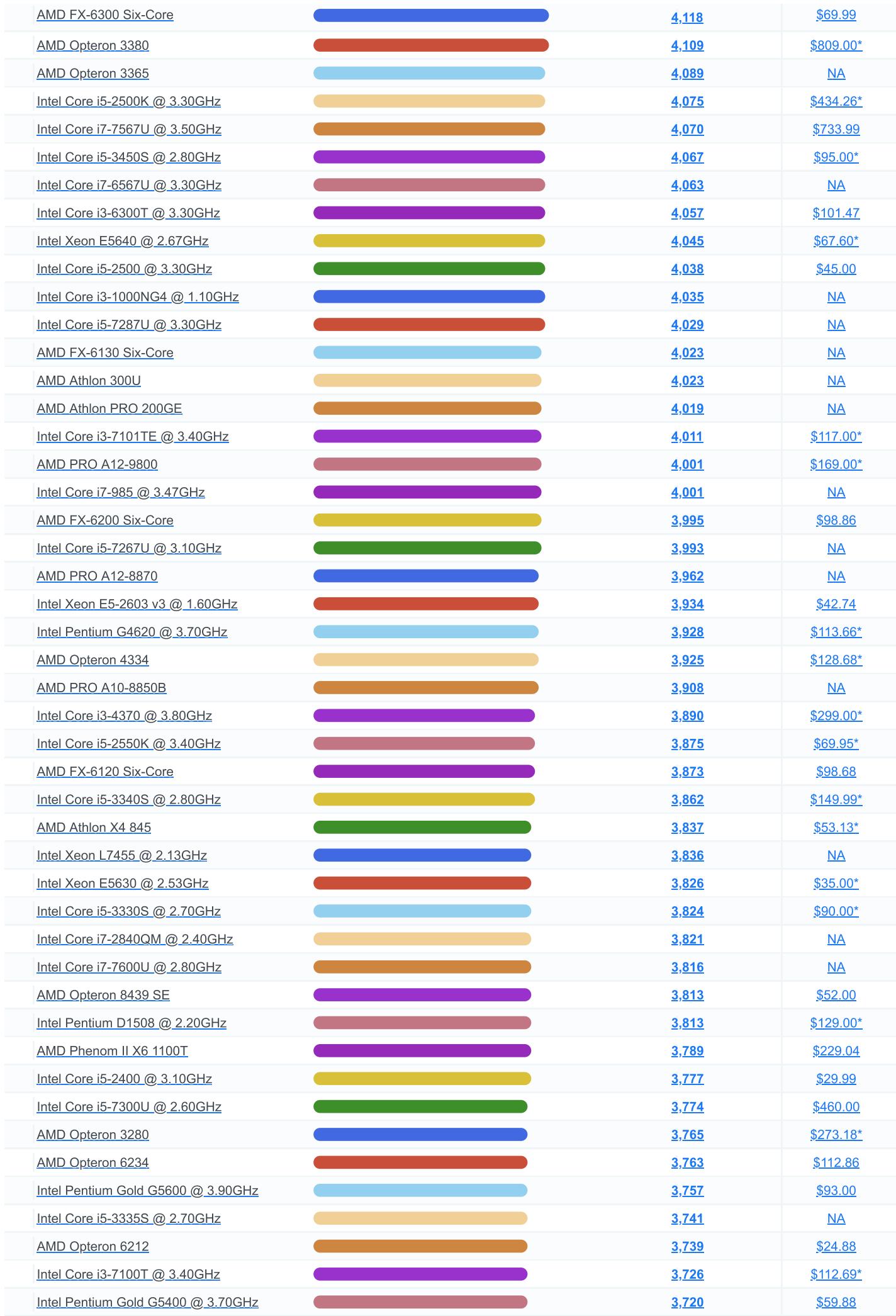


PassMark CPU Benchmarks - High Mid Range CPUs

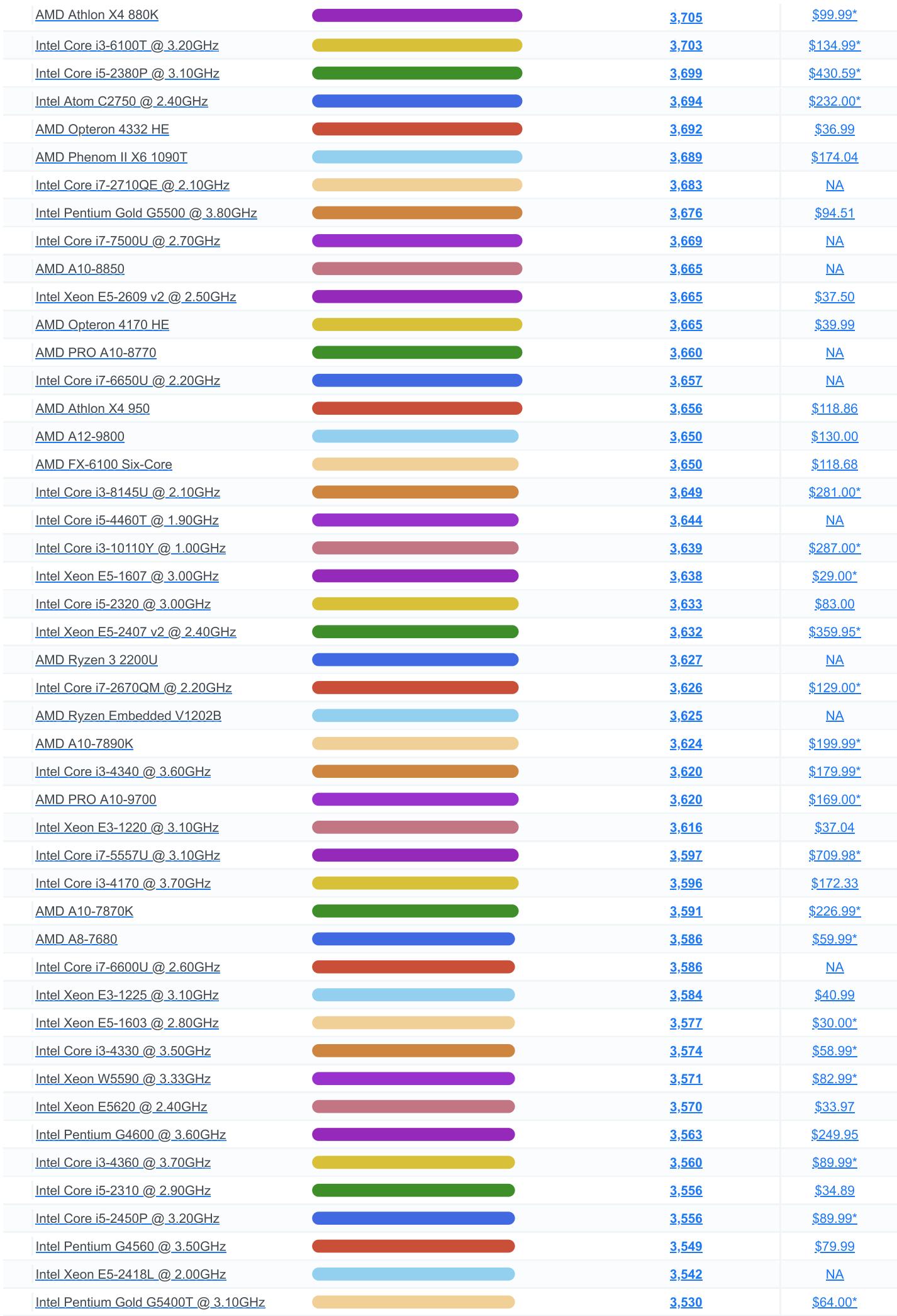
Intel Xeon E3-1225 V2 @ 3.20GHz		4,725	\$65.54
Intel Core i7-4712MQ @ 2.30GHz		4,715	NA
Intel Xeon E5-1603 v4 @ 2.80GHz		4,714	NA
Intel Core i7-2960XM @ 2.70GHz		4,714	\$409.95*
Intel Core i7-3610QE @ 2.30GHz		4,714	NA
AMD Opteron 2435		4,709	\$14.98
Intel Xeon E3-1220 V2 @ 3.10GHz		4,706	\$38.99
Intel Xeon E5-1603 v3 @ 2.80GHz		4,694	\$36.99*
Intel Core i5-4430 @ 3.00GHz		4,681	\$150.09
Intel Atom C3758 @ 2.20GHz		4,675	\$193.00*
Intel Core i3-6320 @ 3.90GHz		4,672	\$457.00*
Intel Core i7-3612QE @ 2.10GHz		4,667	NA
Intel Core i5-3470 @ 3.20GHz		4,665	\$42.99
Intel Core i7-3635QM @ 2.40GHz		4,659	NA
Intel Xeon E5-2609 v3 @ 1.90GHz		4,655	\$99.00*
Intel Xeon E5649 @ 2.53GHz		4,651	\$17.99*
Intel Xeon E5-1410 @ 2.80GHz		4,651	\$44.99*
Intel Core i5-6300HQ @ 2.30GHz		4,628	NA
AMD Athlon 3000G		4,618	\$54.99*
Intel Xeon E3-1230L v3 @ 1.80GHz		4,607	\$299.00
Intel Core i5-4440 @ 3.10GHz		4,598	\$497.00*
AMD FX-8140 Eight-Core		4,577	\$148.86
Intel Core i5-6442EQ @ 1.90GHz		4,573	\$250.00*
Intel Xeon X5647 @ 2.93GHz		4,553	\$19.93*
Intel Core i7-3632QM @ 2.20GHz		4,546	\$209.95*
Intel Xeon X5667 @ 3.07GHz		4,545	\$18.04*
Intel Core i5-3570S @ 3.10GHz		4,524	\$50.99*
AMD Opteron 2431		4,516	\$24.99
Intel Xeon E5-2430L v2 @ 2.40GHz		4,513	NA
Intel Core i7-2920XM @ 2.50GHz		4,509	\$440.44*
AMD A8-7500		4,488	NA
Intel Core i7-2860QM @ 2.50GHz		4,480	\$541.00*
AMD Athlon 220GE		4,472	\$79.99
Intel Core i5-6400T @ 2.20GHz		4,458	\$259.95*
Intel Core i7-2600S @ 2.80GHz		4,452	\$95.22
AMD FX-6330 Six-Core		4,451	NA
Intel Xeon L5639 @ 2.13GHz		4,449	NA
Intel Core i5-3550S @ 3.00GHz		4,442	\$302.45*
Intel Core i3-6300 @ 3.80GHz		4,441	\$299.99*
AMD FX-6350 Six-Core		4,440	\$131.60
Intel Core i5-4670T @ 2.30GHz		4,432	\$259.02*
AMD Opteron 4184		4,419	\$509.95*
Intel Core i5-3450 @ 3.10GHz		4,403	\$216.34*
Intel Core i5-4440S @ 2.80GHz		4,401	\$462.97*
AMD Opteron 6220		4,392	\$196.83
Intel Core i3-8109U @ 3.00GHz		4,387	\$449.00
Intel Core i5-3475S @ 2.90GHz		4,385	\$143.50*

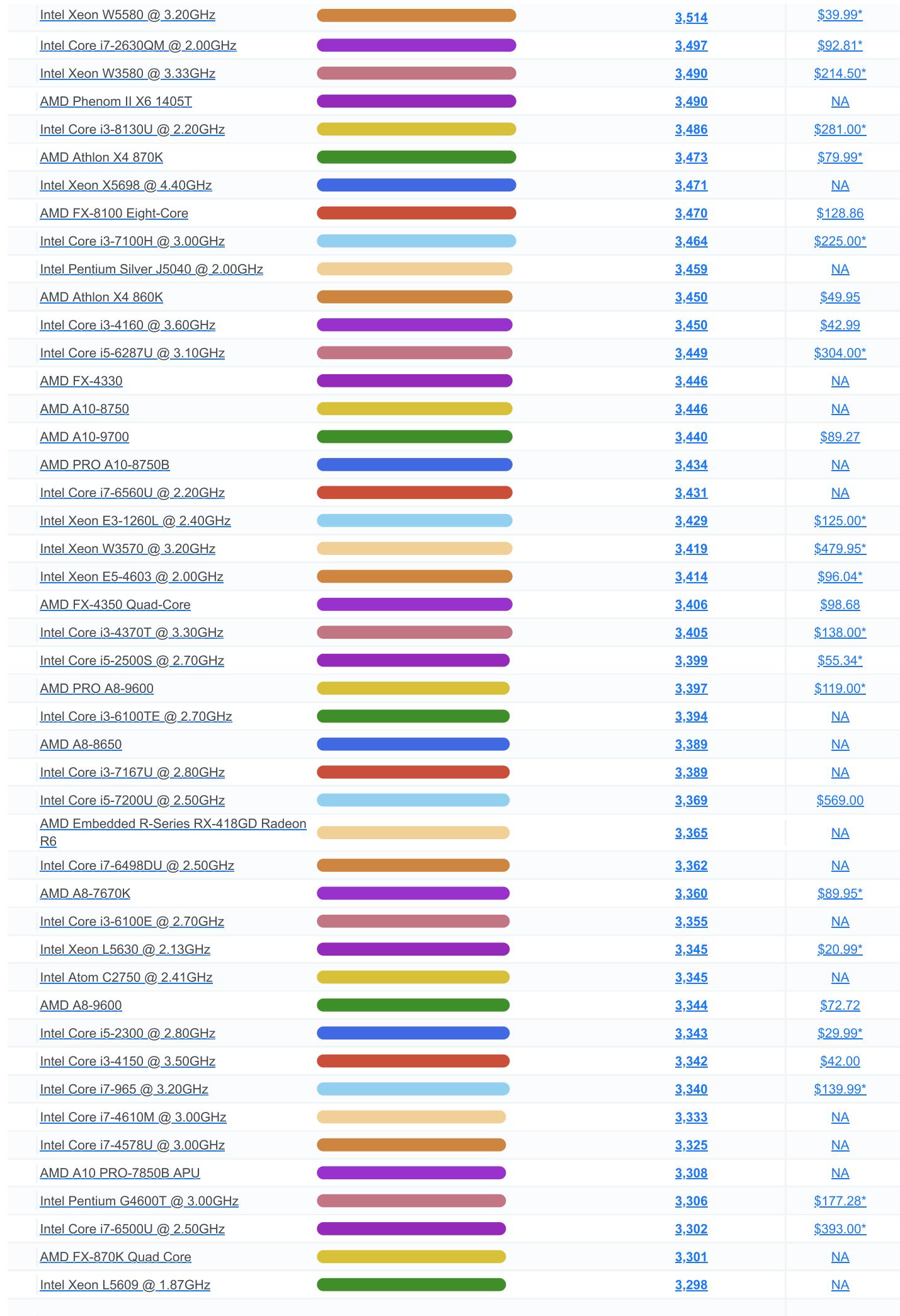
PassMark CPU Benchmarks - High Mid Range CPUs





PassMark CPU Benchmarks - High Mid Range CPUs

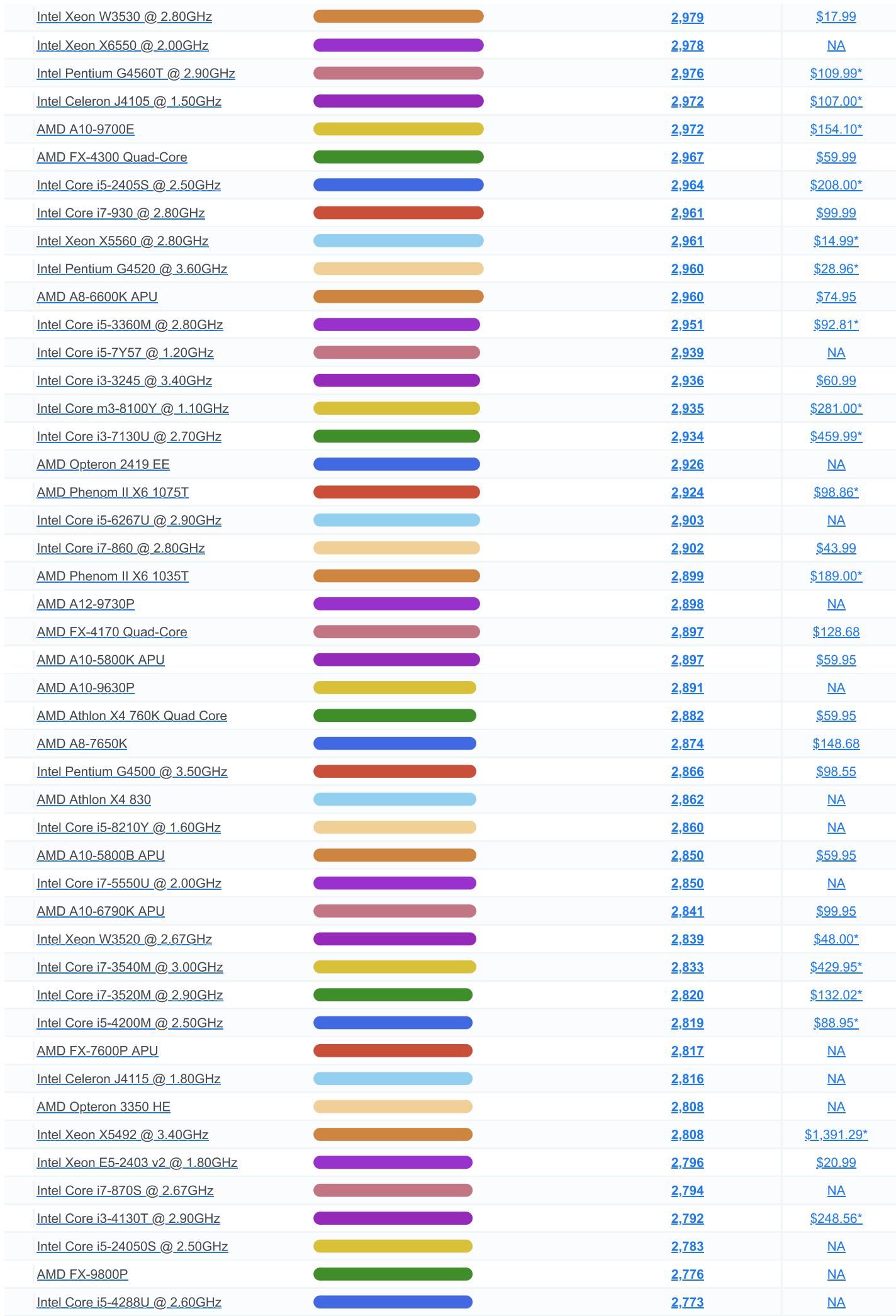




PassMark CPU Benchmarks - High Mid Range CPUs

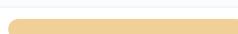
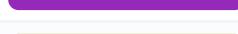
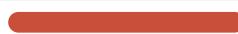
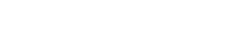
Intel Core i5-4150 @ 3.40GHz		3,296	\$17.00
Intel Xeon E3-1265L @ 2.40GHz		3,293	\$918.35*
Intel Core i5-4400E @ 2.70GHz		3,293	\$266.00*
Intel Core i5-6300U @ 2.40GHz		3,291	NA
Intel Xeon W3565 @ 3.20GHz		3,290	\$21.99*
AMD A12-9800E		3,289	\$154.10
AMD A10-7850K APU		3,288	\$149.95
Intel Core i3-4570T @ 2.90GHz		3,285	NA
Intel Core i5-4570T @ 2.90GHz		3,283	\$199.95*
Intel Core i5-4310M @ 2.70GHz		3,270	NA
Intel Core i5-5257U @ 2.70GHz		3,269	NA
Intel Core i5-4340M @ 2.90GHz		3,269	NA
AMD FX-4320		3,268	NA
AMD A10-7860K		3,268	\$149.95
Intel Core i3-6100H @ 2.70GHz		3,265	NA
AMD Athlon Silver 3050U		3,262	NA
AMD Phenom II X6 1065T		3,260	NA
Intel Pentium Gold G5500T @ 3.20GHz		3,251	\$75.00*
Intel Xeon X3480 @ 3.07GHz		3,251	NA
AMD Opteron 4365 EE		3,243	NA
Intel Core i7-975 @ 3.33GHz		3,243	\$79.95*
AMD PRO A10-9700E		3,242	\$139.00*
Intel Core i7-880 @ 3.07GHz		3,242	\$583.00*
Intel Core i7-960 @ 3.20GHz		3,227	\$270.00
Intel Pentium Gold G5420 @ 3.80GHz		3,226	\$65.41
Intel Core i5-5287U @ 2.90GHz		3,225	NA
Intel Core i7-2635QM @ 2.00GHz		3,224	NA
Intel Core i5-6360U @ 2.00GHz		3,212	NA
Intel Core i3-4170T @ 3.20GHz		3,210	\$209.95*
Intel Core i3-4360T @ 3.20GHz		3,205	NA
Intel Core i7-2715QE @ 2.10GHz		3,204	NA
AMD A10-7700K APU		3,203	\$119.99
Intel Core i5-4570TE @ 2.70GHz		3,199	\$199.99*
AMD A8-7600 APU		3,197	\$59.99
Intel Core i5-4330M @ 2.80GHz		3,191	\$274.99*
Intel Core i3-4350T @ 3.10GHz		3,188	NA
Intel Xeon X3460 @ 2.80GHz		3,187	\$46.99*
AMD A10-6800K APU		3,186	\$149.95
Intel Core i5-2400S @ 2.50GHz		3,185	\$172.00
AMD PRO A10-8770E		3,183	NA
AMD Phenom II X6 1055T		3,183	\$59.95
Intel Core i3-4350 @ 3.60GHz		3,179	\$169.99*
Intel Core i5-6260U @ 1.80GHz		3,179	\$343.99
AMD Athlon X4 840		3,170	\$78.74*
Intel Xeon X3470 @ 2.93GHz		3,168	\$67.99
AMD Opteron 4162 EE		3,167	\$19.99*
Intel Pentium Silver J5005 @ 1.50GHz		3,165	\$218.03

Intel Atom C2758 @ 2.40GHz		3,163	\$214.86*
Intel Core i7-2675QM @ 2.20GHz		3,162	NA
AMD FX-4200 Quad-Core		3,157	\$59.95
AMD Opteron 6274		3,149	\$35.09
Intel Xeon X5570 @ 2.93GHz		3,141	\$239.95*
Intel Core i7-8500Y @ 1.50GHz		3,137	\$393.00*
AMD Opteron X3421 APU		3,137	NA
AMD A10-6700 APU		3,121	\$79.95
Intel Xeon E7- 2830 @ 2.13GHz		3,119	\$1,779.00*
Intel Core i3-4330T @ 3.00GHz		3,118	NA
AMD FX-B4150 Quad-Core		3,114	\$89.68
AMD PRO A12-9800E		3,106	\$169.00*
Intel Core i3-4160T @ 3.10GHz		3,094	\$149.99*
Intel Core i5-6198DU @ 2.30GHz		3,093	NA
Intel Core i7-5600U @ 2.60GHz		3,090	NA
AMD PRO A8-8650B		3,086	NA
Intel Core i5-4200H @ 2.80GHz		3,083	NA
Intel Core i7-4558U @ 2.80GHz		3,081	NA
AMD PRO A8-8670E		3,078	NA
AMD FX-4150 Quad-Core		3,074	NA
AMD FX-8800P		3,071	NA
Intel Xeon E5-2637 @ 3.00GHz		3,070	\$885.00*
Intel Core i5-8200Y @ 1.30GHz		3,070	\$291.00*
AMD Opteron 2427		3,069	\$16.99
AMD A10-7800 APU		3,063	\$149.86
AMD PRO A12-8870E		3,059	NA
AMD Embedded R-Series RX-421BD		3,048	NA
Intel Core i5-4300M @ 2.60GHz		3,048	NA
Intel Xeon W3550 @ 3.07GHz		3,037	\$16.99*
Intel Celeron J4125 @ 2.00GHz		3,035	NA
Intel Core i7-875K @ 2.93GHz		3,030	\$379.99*
Intel Core i7-870 @ 2.93GHz		3,026	\$67.88
Intel Core i7-950 @ 3.07GHz		3,025	\$49.00
Intel Core i7-940 @ 2.93GHz		3,024	\$103.99*
Intel Xeon X5550 @ 2.67GHz		3,021	\$36.39
AMD Opteron X3418 APU		3,020	NA
Intel Core i5-6200U @ 2.30GHz		3,011	NA
Intel Core i7-4560U @ 1.60GHz		3,010	NA
AMD FX-9830P		3,003	NA
Intel Core i7-5650U @ 2.20GHz		3,003	NA
Intel Core i5-4278U @ 2.60GHz		3,003	NA
Intel Xeon W3540 @ 2.93GHz		2,994	\$19.92*
AMD Phenom II X6 1045T		2,992	\$58.40*
Intel Core i7-4600M @ 2.90GHz		2,988	NA
Intel Core i5-3470T @ 2.90GHz		2,985	\$308.95*
AMD A10 PRO-7800B APU		2,983	NA
Intel Core i5-3380M @ 2.90GHz		2,979	NA



PassMark CPU Benchmarks - High Mid Range CPUs

Intel Core i5-4210M @ 2.60GHz		2,765	\$309.95*
Intel Core 860 @ 2.80GHz		2,762	\$69.00
Intel Core i5-4258U @ 2.40GHz		2,757	NA
Intel Core i5-7Y54 @ 1.20GHz		2,757	NA
Intel Core i5-3340M @ 2.70GHz		2,753	\$69.95*
AMD A10-5700 APU		2,751	\$59.95
Intel Core i7-5500U @ 2.40GHz		2,747	NA
Intel Core i3-7100U @ 2.40GHz		2,744	\$339.99
Intel Core i7-860S @ 2.53GHz		2,734	\$199.99*
Intel Core i5-2500T @ 2.30GHz		2,733	\$89.99*
AMD Phenom II X4 980		2,730	\$130.00*
AMD A8-6500B APU		2,726	\$49.95
Intel Xeon E5-2407 @ 2.20GHz		2,726	\$20.00*
Intel Xeon E5-2609 @ 2.40GHz		2,724	\$16.99
Intel Core i7-920 @ 2.67GHz		2,723	\$21.00
Intel Pentium Silver N5000 @ 1.10GHz		2,722	\$161.00*
AMD A8-5600K APU		2,718	\$49.95
AMD A6-9400		2,717	NA
Intel Core i5-4402E @ 1.60GHz		2,716	NA
AMD FX-670K Quad-Core		2,714	NA
Intel Core i5-5300U @ 2.30GHz		2,713	\$543.39*
AMD Athlon X4 740 Quad Core		2,706	\$277.00*
AMD PRO A10-9700B		2,703	NA
Intel Core i3-6157U @ 2.40GHz		2,697	NA
Intel Xeon E5607 @ 2.27GHz		2,696	\$69.21*
Intel Core i7-3687U @ 2.10GHz		2,694	NA
Intel Core m3-7Y30 @ 1.00GHz		2,691	NA
AMD A12-9720P		2,686	NA
Intel Core i7-4600U @ 2.10GHz		2,685	NA
Intel Core2 Extreme X9775 @ 3.20GHz		2,678	\$1,805.95*
Intel Xeon E3-1220L V2 @ 2.30GHz		2,678	NA
Intel Core i5-5350U @ 1.80GHz		2,677	NA
Intel Core i5-4308U @ 2.80GHz		2,674	NA
AMD A10-9620P		2,670	NA
AMD A8-5500B APU		2,649	\$54.95
Intel Xeon X3450 @ 2.67GHz		2,648	\$27.99*
AMD A8 PRO-7600B APU		2,647	NA
Intel Core i7-7Y75 @ 1.30GHz		2,644	NA
Intel Xeon X5470 @ 3.33GHz		2,644	\$99.99*
AMD FirePro A320 APU		2,642	NA
Intel Core i3-3250T @ 3.00GHz		2,641	NA
AMD FX-4130 Quad-Core		2,639	\$68.86
Intel Xeon E5530 @ 2.40GHz		2,634	\$15.80*
Intel Xeon E5540 @ 2.53GHz		2,633	\$49.03*
Intel Xeon E5-2603 v2 @ 1.80GHz		2,630	\$59.99*
Intel Pentium G4400 @ 3.30GHz		2,624	\$66.20
Intel Core i5-4210H @ 2.90GHz		2,615	NA

Intel Core i5-3610ME @ 2.70GHz		2,614	NA
Intel Core i3-4110M @ 2.60GHz		2,613	NA
Intel Core i5-3320M @ 2.60GHz		2,613	\$69.81*
AMD Phenom II X4 970		2,613	\$74.80*
Intel Core i3-4150T @ 3.00GHz		2,612	\$219.95*
Intel Core i3-7020U @ 2.30GHz		2,610	\$281.00*
Intel Core i7-3667U @ 2.00GHz		2,610	NA
Intel Core i3-6100U @ 2.30GHz		2,608	\$369.99
Intel Core i7-4510U @ 2.00GHz		2,607	NA
AMD A8-6500 APU		2,606	\$148.86
Intel Celeron G4930 @ 3.20GHz		2,605	\$43.23
Intel Xeon E5606 @ 2.13GHz		2,600	\$71.20*
Intel Pentium G4500T @ 3.00GHz		2,593	NA
AMD Athlon X4 750K Quad Core		2,592	\$76.99*
AMD FX-4100 Quad-Core		2,589	\$39.38
Intel Xeon X5482 @ 3.20GHz		2,588	\$99.99*
Intel Core i5-760 @ 2.80GHz		2,578	\$144.03*
Intel Core m3-7Y32 @ 1.10GHz		2,578	NA
AMD PRO A12-9800B		2,577	NA