

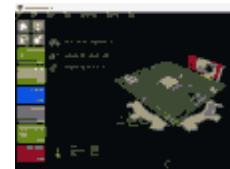


CPU Benchmarks

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High End CPUs - Intel vs AMD

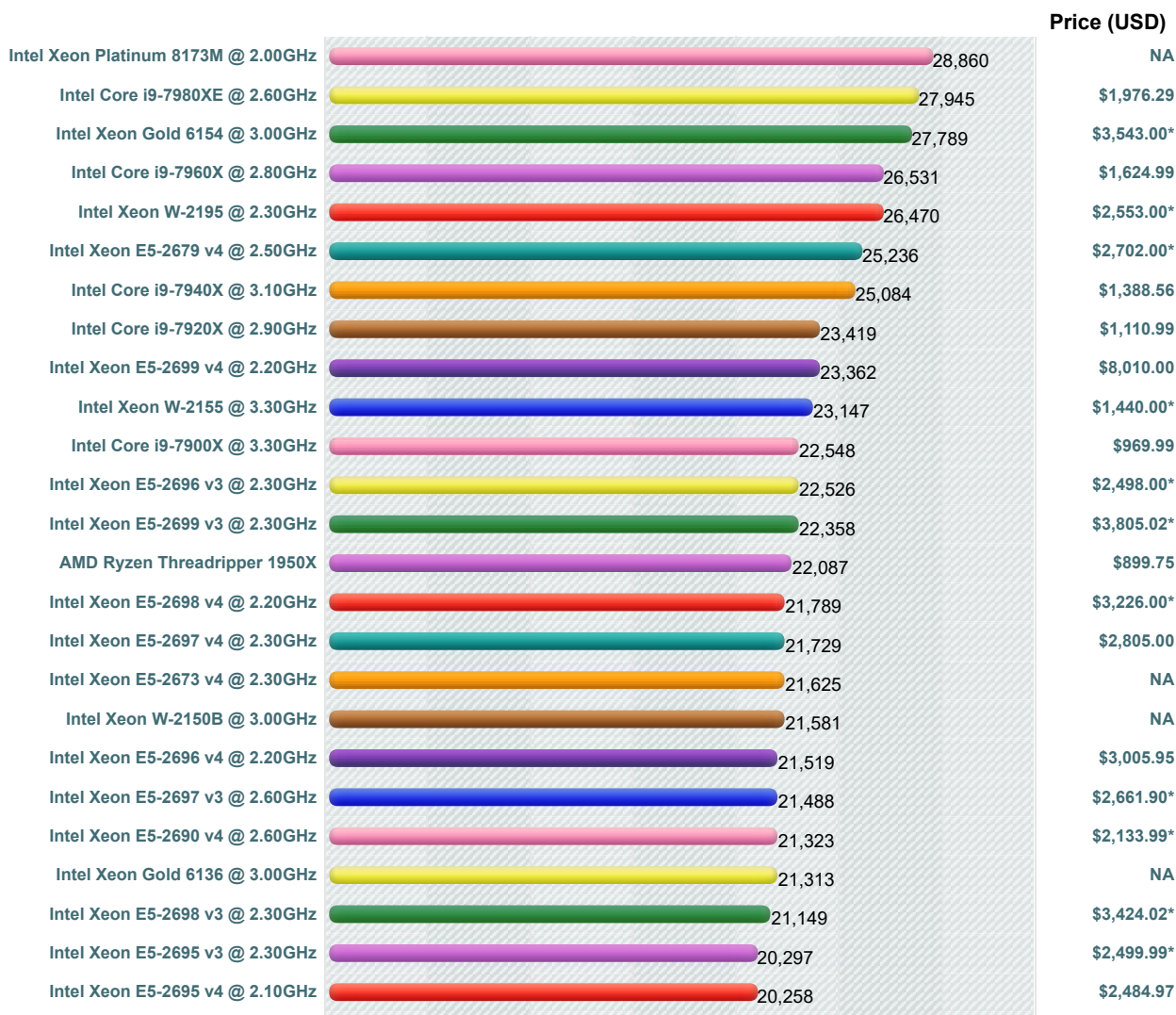
This chart comparing high end CPUs is made using thousands of PerformanceTest benchmark results and is updated daily. These are the high end AMD and Intel CPUs are typically those found in newer computers. The chart below compares the performance of Intel Xeon CPUs, Intel Core i7 CPUs, AMD Phenom II CPUs and AMD Opterons with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

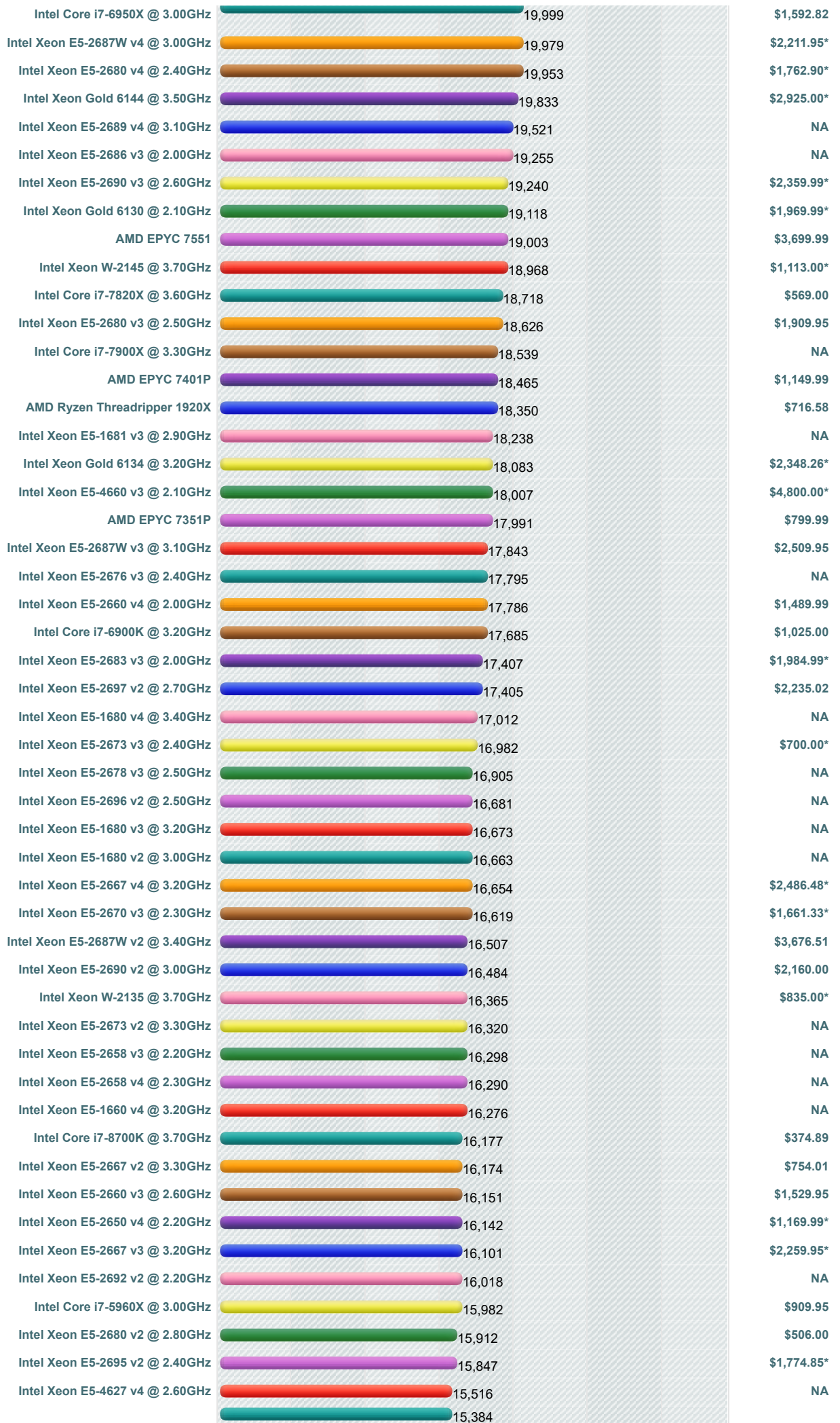
How does your CPU compare?
Add your CPU to our benchmark chart with PerformanceTest V9!

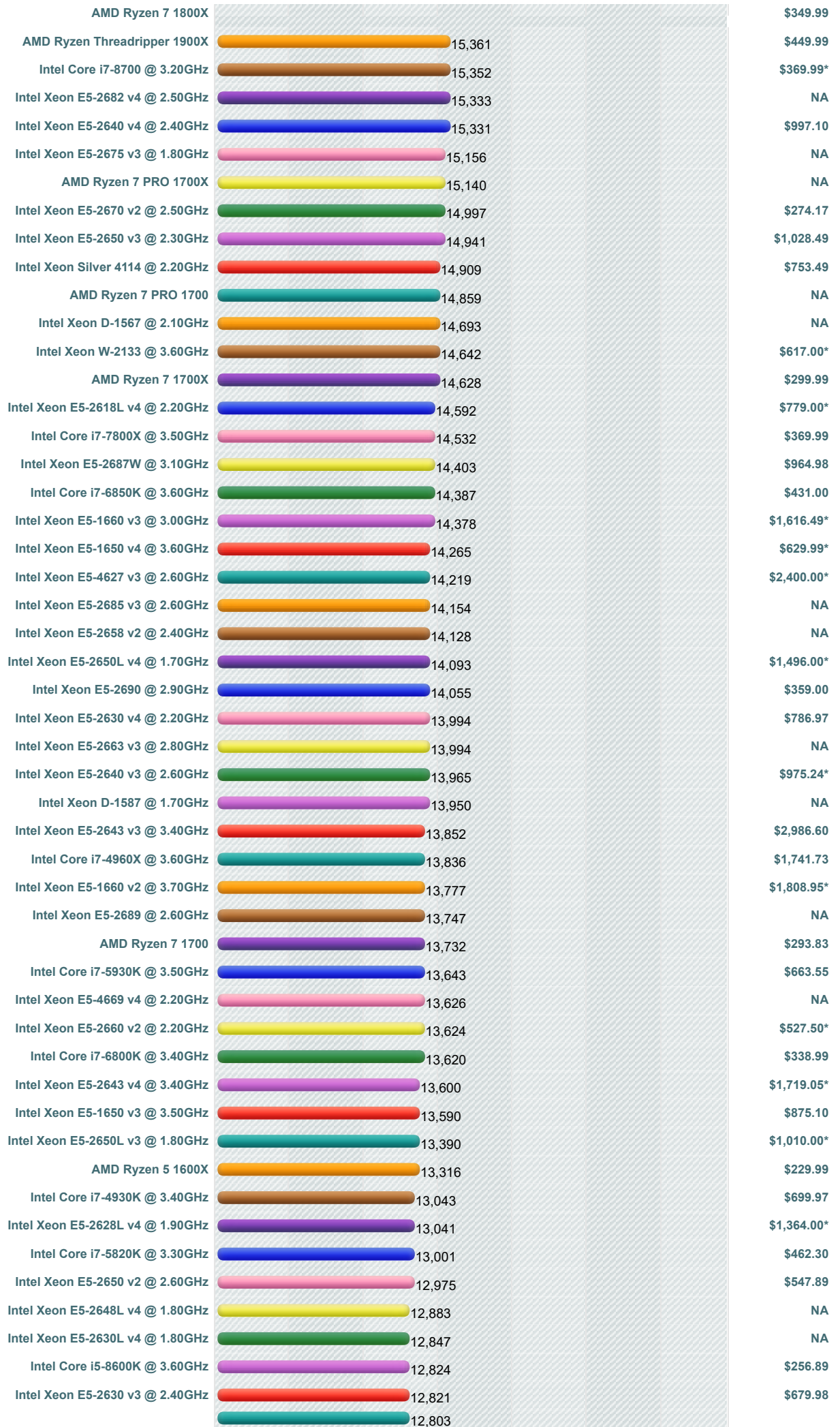
CPU Mark | Price Performance

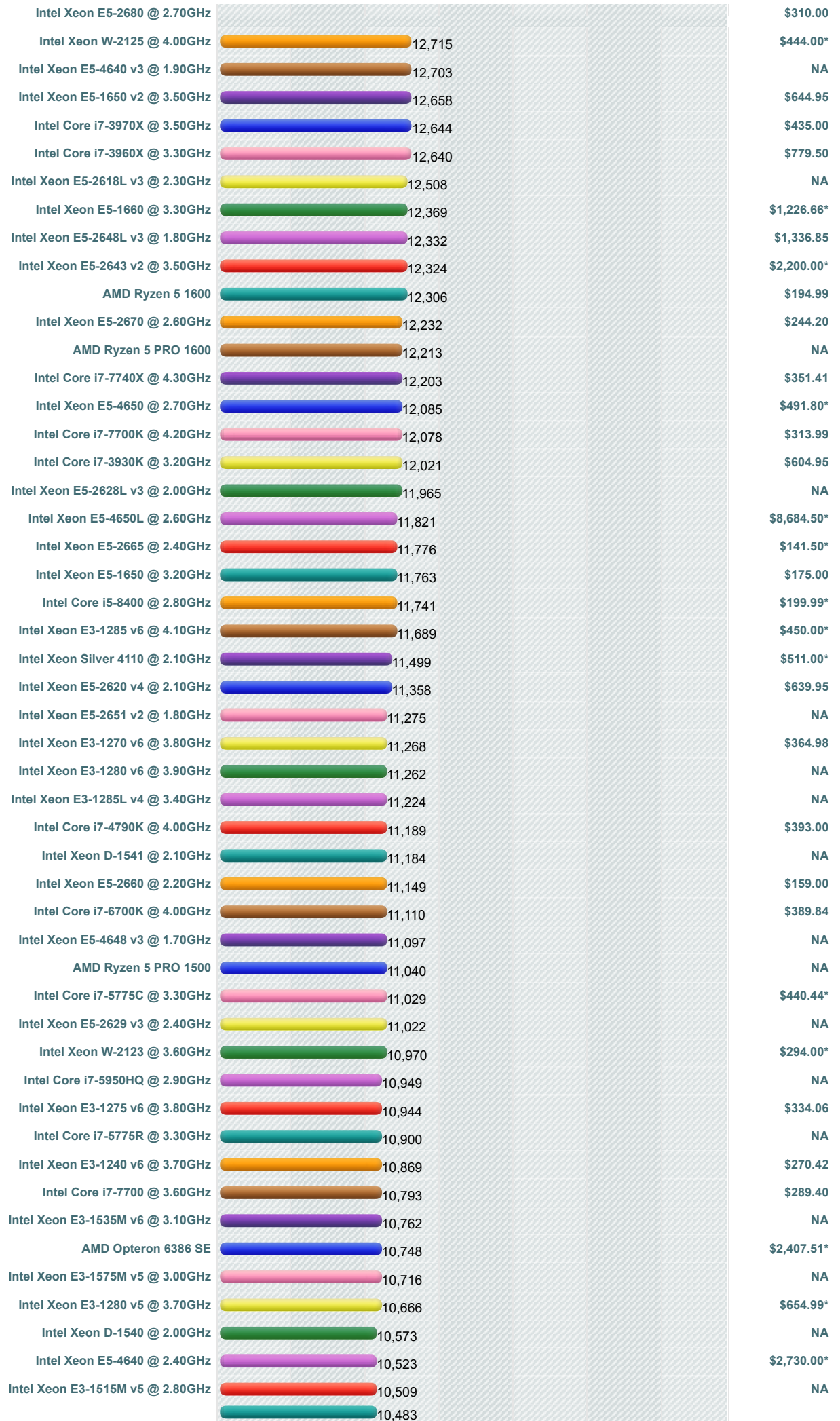
(Click to select desired chart)

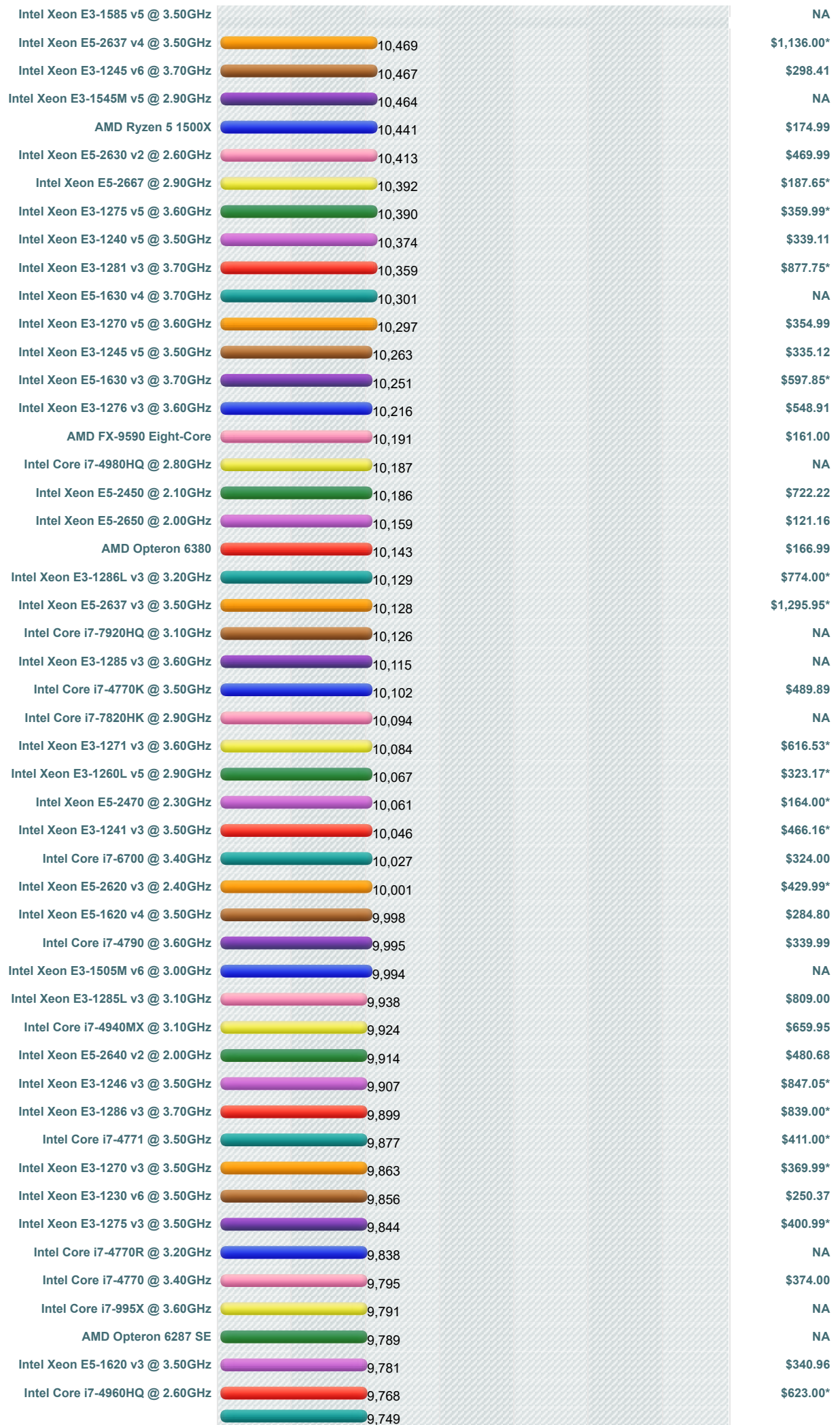
PassMark - CPU Mark High End CPUs - Updated 6th of February 2018



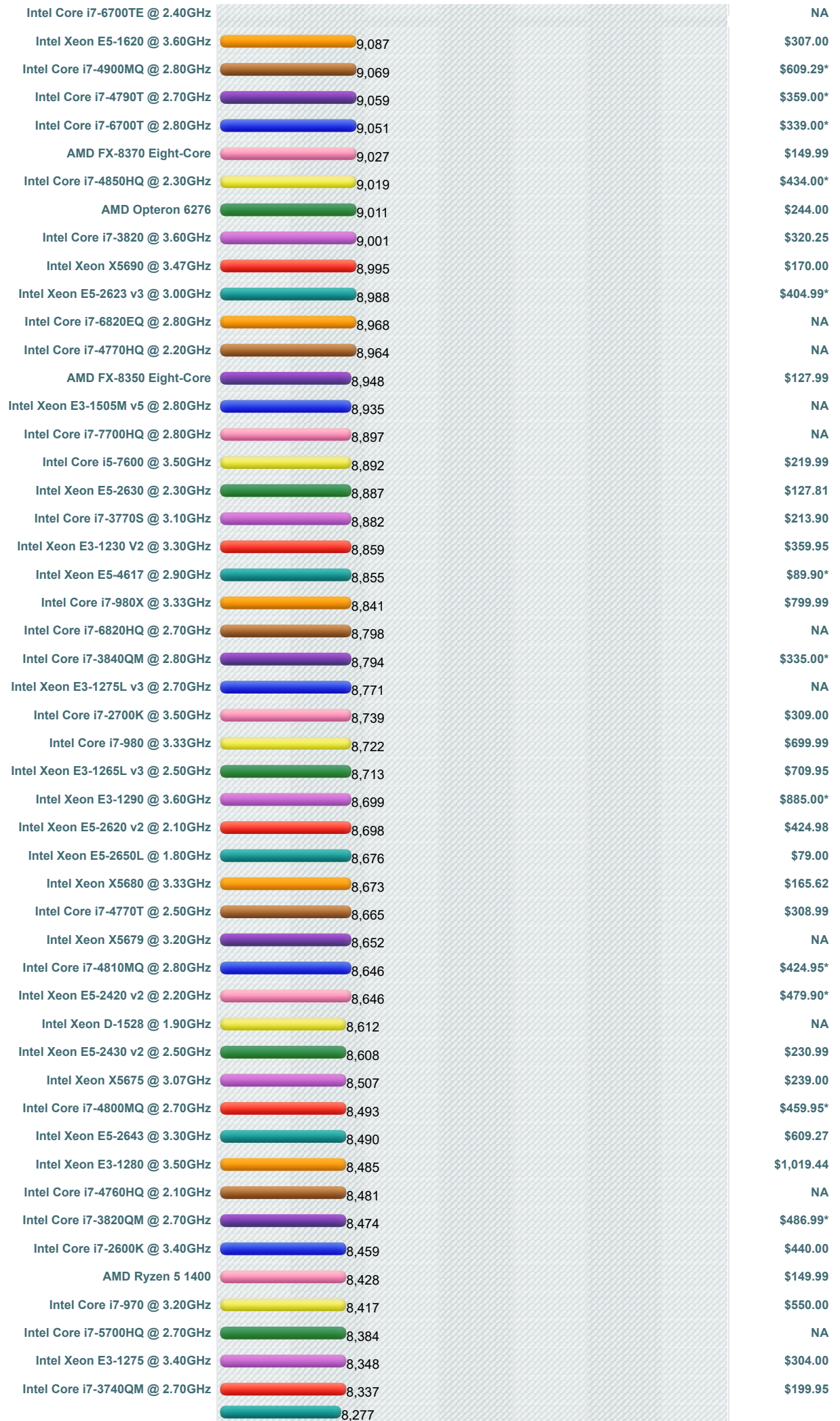


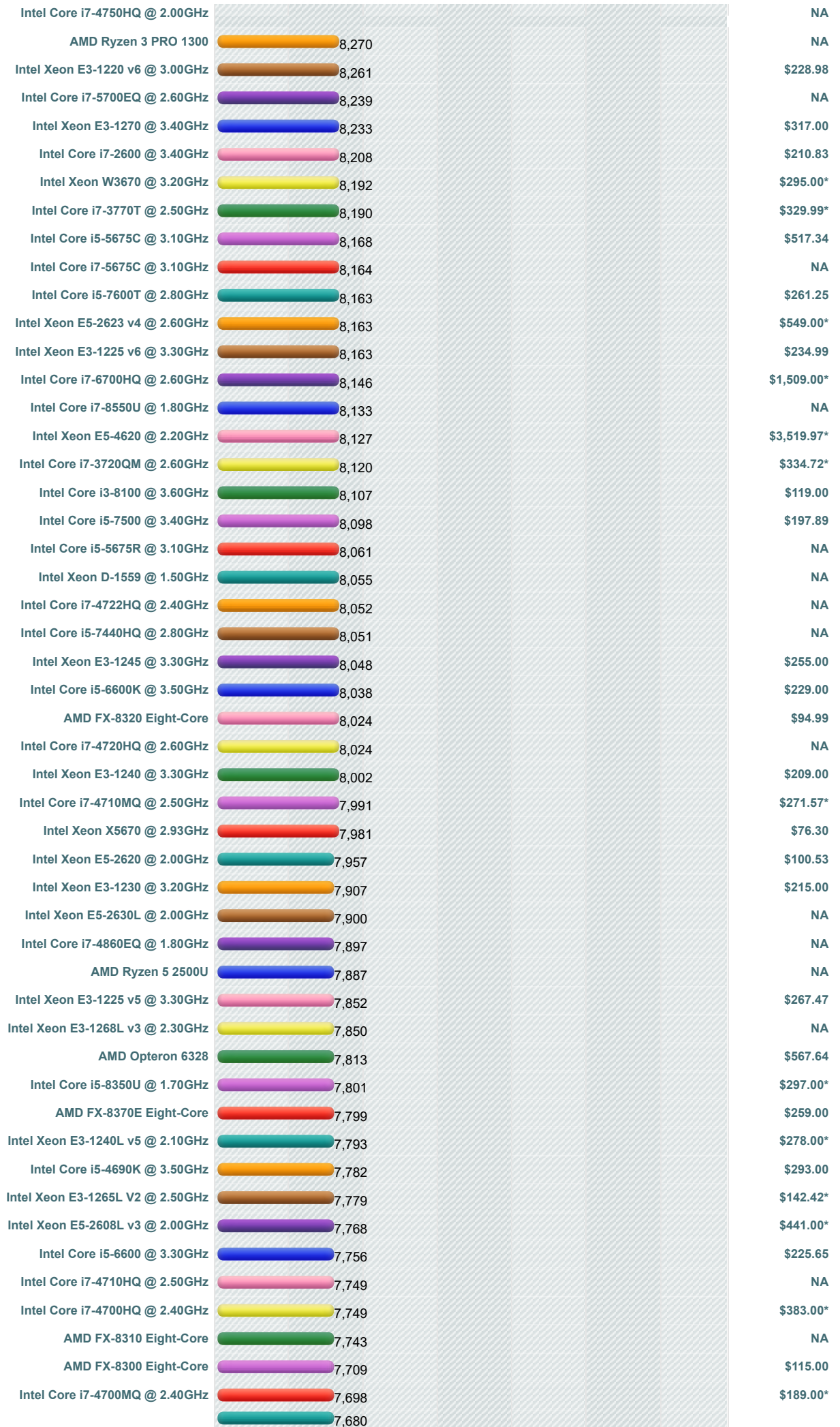




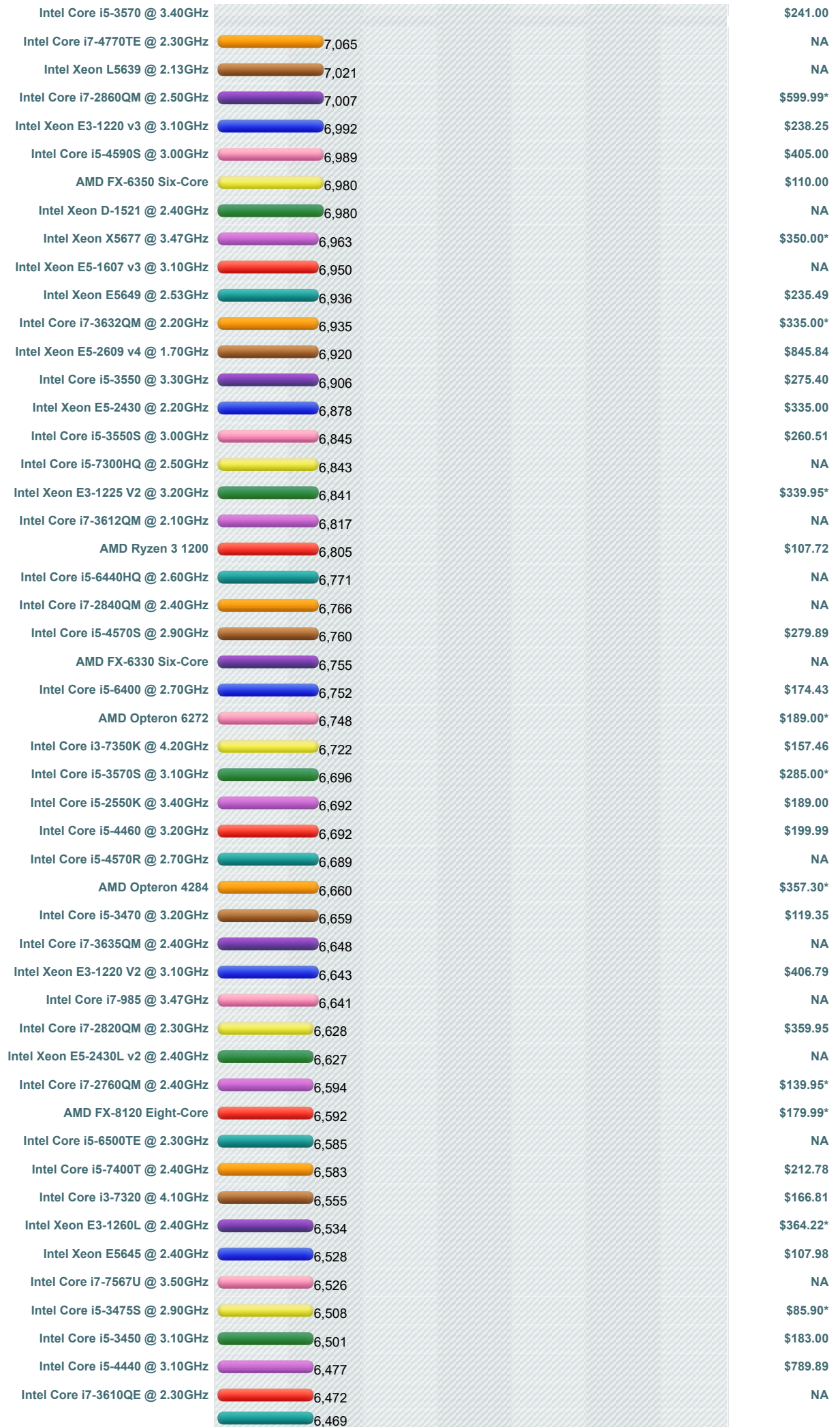


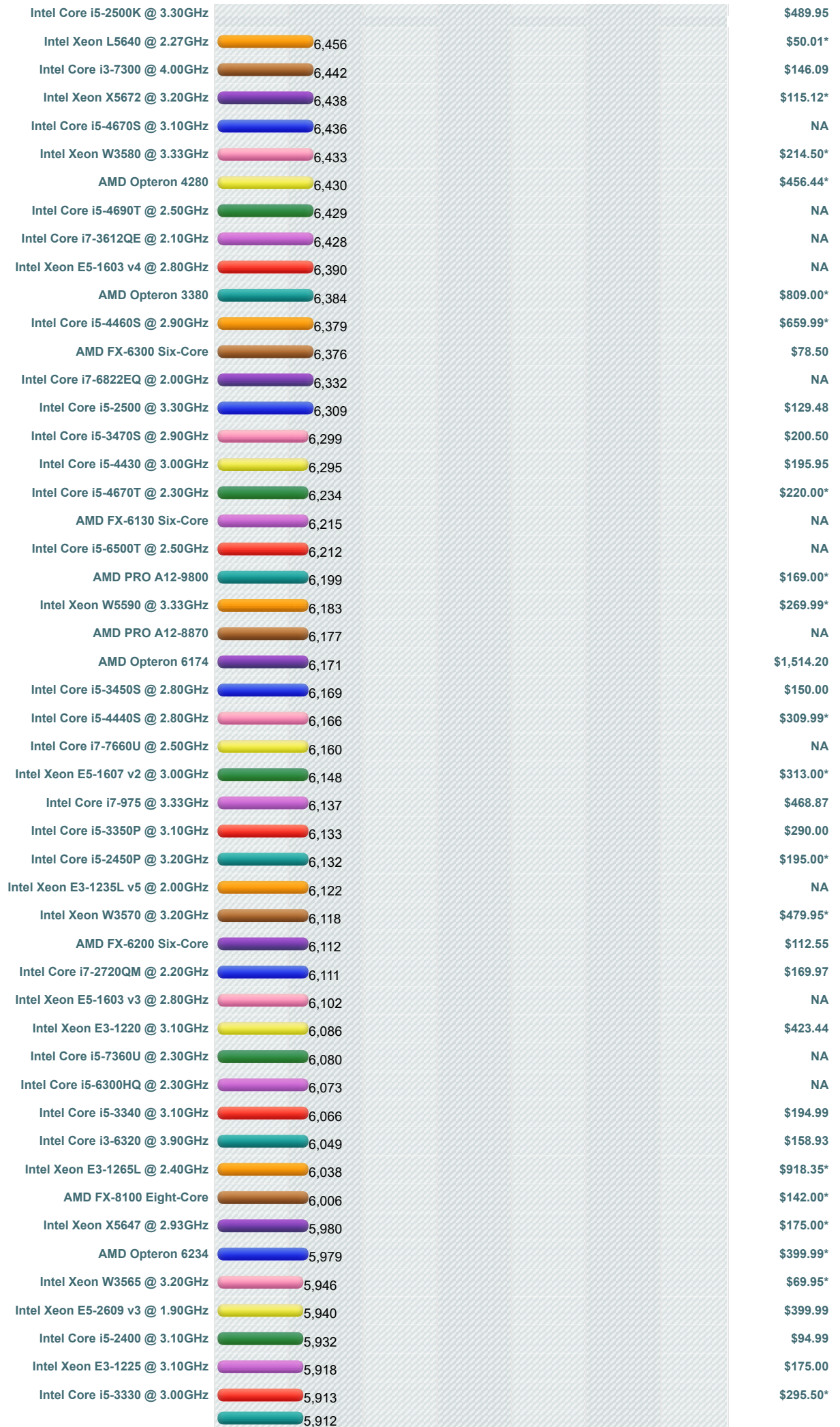
Intel Xeon E3-1290 V2 @ 3.70GHz		\$885.00*
Intel Xeon E3-1230 v5 @ 3.40GHz	9,740	\$299.80
Intel Core i7-4820K @ 3.70GHz	9,733	\$398.88
Intel Xeon D-1531 @ 2.20GHz	9,730	\$348.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9,720	\$697.36*
Intel Core i7-6770HQ @ 2.60GHz	9,710	\$1,001.88*
Intel Xeon E3-1240 v3 @ 3.40GHz	9,693	\$299.99*
Intel Xeon E5-2630L v2 @ 2.40GHz	9,655	NA
Intel Xeon E3-1280 V2 @ 3.60GHz	9,641	\$644.99*
Intel Xeon E3-1231 v3 @ 3.40GHz	9,638	\$331.90
Intel Core i7-6920HQ @ 2.90GHz	9,602	NA
Intel Xeon E3-1245 v3 @ 3.40GHz	9,579	\$585.81
Intel Core i7-4790S @ 3.20GHz	9,571	\$947.00
Intel Core i7-3770K @ 3.50GHz	9,535	\$349.97
Intel Xeon E5-1620 v2 @ 3.70GHz	9,521	\$329.00
Intel Core i7-4930MX @ 3.00GHz	9,514	\$1,096.00*
AMD FX-9370 Eight-Core	9,509	\$248.79
Intel Xeon E5-2637 v2 @ 3.50GHz	9,504	\$1,632.83
Intel Xeon E5-2640 @ 2.50GHz	9,498	\$106.32
Intel Xeon E5-2658 @ 2.10GHz	9,484	\$1,462.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9,482	\$287.20
Intel Core i7-4910MQ @ 2.90GHz	9,463	\$509.95*
Intel Core i7-5850HQ @ 2.70GHz	9,459	NA
Intel Core i7-7820HQ @ 2.90GHz	9,446	NA
Intel Xeon E5-2440 v2 @ 1.90GHz	9,425	\$611.14
AMD Opteron 6376	9,414	\$1,009.00
Intel Xeon E5-2628L v2 @ 1.90GHz	9,405	NA
Intel Xeon E3-1275 V2 @ 3.50GHz	9,344	\$796.89*
Intel Core i7-4870HQ @ 2.50GHz	9,343	NA
Intel Core i7-4770S @ 3.10GHz	9,339	\$378.08
Intel Xeon E3-1230 v3 @ 3.30GHz	9,328	\$261.66*
Intel Xeon E5-2440 @ 2.40GHz	9,319	\$745.03
Intel Xeon W3690 @ 3.47GHz	9,311	\$2,260.61*
Intel Core i7-3940XM @ 3.00GHz	9,310	\$539.00*
Intel Core i7-3770 @ 3.40GHz	9,305	\$273.51
Intel Xeon E3-1535M v5 @ 2.90GHz	9,276	NA
Intel Core i7-8650U @ 1.90GHz	9,264	NA
Intel Core i7-7700T @ 2.90GHz	9,223	\$339.66
Intel Core i5-7640X @ 4.00GHz	9,222	\$239.00
Intel Core i7-4860HQ @ 2.40GHz	9,220	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9,216	\$751.92*
Intel Core i3-8350K @ 4.00GHz	9,198	\$179.68
Intel Xeon E3-1240 V2 @ 3.40GHz	9,180	\$347.95
Intel Xeon W3680 @ 3.33GHz	9,166	\$453.45*
Intel Core i5-7600K @ 3.80GHz	9,160	\$227.59
Intel Core i7-6820HK @ 2.70GHz	9,147	NA
Intel Core i7-3920XM @ 2.90GHz	9,146	\$1,096.00*
Intel Core i7-990X @ 3.47GHz	9,118	\$1,199.99
AMD Opteron 6282 SE	9,116	\$1,089.99*
Intel Xeon E3-1245 V2 @ 3.40GHz	9,109	\$461.92*
	9,094	





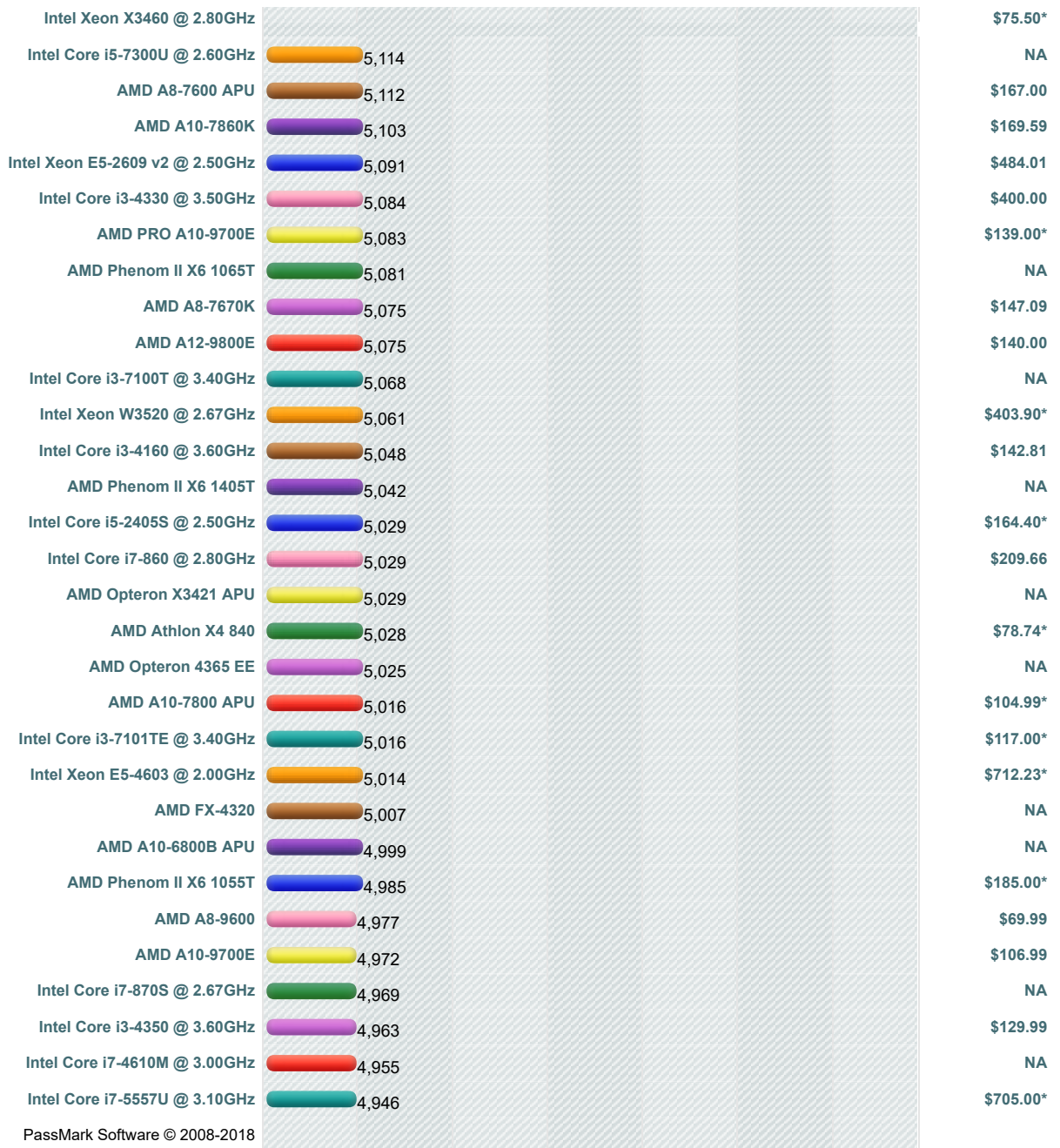
Intel Xeon E3-1235 @ 3.20GHz		\$244.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7,670	\$227.00
Intel Xeon X5660 @ 2.80GHz	7,662	\$113.77
Intel Core i5-4670K @ 3.40GHz	7,625	\$379.80
Intel Core i5-4690 @ 3.50GHz	7,624	\$334.49
Intel Core i5-8250U @ 1.60GHz	7,623	NA
AMD FX-8150 Eight-Core	7,620	\$383.50*
Intel Core i7-4785T @ 2.20GHz	7,603	NA
Intel Core i7-3630QM @ 2.40GHz	7,593	\$239.00*
Intel Xeon E3-1226 v3 @ 3.30GHz	7,573	\$420.52*
AMD FX-8320E Eight-Core	7,528	\$144.99
Intel Core i7-4712HQ @ 2.30GHz	7,517	NA
AMD Opteron 6366 HE	7,503	NA
Intel Core i7-4702HQ @ 2.20GHz	7,489	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7,487	NA
Intel Core i7-3610QM @ 2.30GHz	7,468	\$399.99*
Intel Xeon X5650 @ 2.67GHz	7,458	\$70.00
AMD Ryzen 3 1300X	7,439	\$124.99
Intel Core i5-5575R @ 2.80GHz	7,434	NA
Intel Core i5-7400 @ 3.00GHz	7,420	\$159.99
Intel Xeon E5-1410 v2 @ 2.80GHz	7,420	NA
Intel Core i5-4670 @ 3.40GHz	7,412	\$170.00
Intel Core i5-4690S @ 3.20GHz	7,412	\$285.12*
Intel Core i5-4670K CPT @ 3.40GHz	7,411	NA
Intel Core i5-6402P @ 2.80GHz	7,403	\$189.99*
Intel Xeon E5-2450L @ 1.80GHz	7,389	\$119.50*
Intel Core i7-3615QM @ 2.30GHz	7,365	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7,352	NA
Intel Core i7-3615QE @ 2.30GHz	7,340	NA
AMD Opteron 6238	7,316	\$1,088.11*
Intel Xeon E5-1410 @ 2.80GHz	7,312	NA
Intel Core i7-4765T @ 2.00GHz	7,301	\$269.99*
Intel Core i5-6600T @ 2.70GHz	7,299	\$190.00
AMD Ryzen 3 PRO 1200	7,277	NA
Intel Core i5-4590 @ 3.30GHz	7,266	\$233.60
Intel Xeon E3-1230L v3 @ 1.80GHz	7,231	\$287.90
Intel Core i7-4700EQ @ 2.40GHz	7,229	NA
Intel Core i5-6500 @ 3.20GHz	7,228	\$204.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7,183	\$458.34
Intel Core i7-2960XM @ 2.70GHz	7,176	\$409.95*
Intel Core i5-3570K @ 3.40GHz	7,161	\$275.00
Intel Core i7-4712MQ @ 2.30GHz	7,160	NA
Intel Core i5-7500T @ 2.70GHz	7,156	\$226.98
Intel Xeon E5-2420 @ 1.90GHz	7,139	\$343.24
Intel Core i7-4702MQ @ 2.20GHz	7,132	NA
Intel Xeon X5687 @ 3.60GHz	7,123	\$108.00
Intel Core i7-2920XM @ 2.50GHz	7,101	\$608.95*
Intel Core i5-4570 @ 3.20GHz	7,091	\$285.80
Intel Xeon E3-1505L v5 @ 2.00GHz	7,082	NA
Intel Core i7-2600S @ 2.80GHz	7,074	\$259.90
	7,070	





Intel Core i7-7560U @ 2.40GHz			NA
Intel Core i7-2670QM @ 2.20GHz	5,910		\$139.00
AMD Opteron 3365	5,908		NA
Intel Core i7-965 @ 3.20GHz	5,878		\$359.00
Intel Core i5-3570T @ 2.30GHz	5,877		NA
Intel Core i5-4430S @ 2.70GHz	5,868		\$147.99*
AMD FX-8140 Eight-Core	5,854		NA
Intel Core i3-6300 @ 3.80GHz	5,852		\$148.22
AMD PRO A10-8850B	5,852		NA
Intel Core i7-960 @ 3.20GHz	5,847		\$295.00
Intel Xeon E5-1607 @ 3.00GHz	5,840		\$27.50*
Intel Core i3-7100 @ 3.90GHz	5,839		\$114.99
Intel Xeon W5580 @ 3.20GHz	5,836		\$82.00*
Intel Core i5-3340S @ 2.80GHz	5,794		\$320.00
Intel Core i5-6440EQ @ 2.70GHz	5,778		NA
AMD Opteron 6212	5,776		\$209.50*
Intel Core i5-3335S @ 2.70GHz	5,768		NA
Intel Core i7-2710QE @ 2.10GHz	5,768		NA
AMD Phenom II X6 1100T	5,763		\$233.99*
Intel Xeon D-1520 @ 2.20GHz	5,755		NA
Intel Core i5-7260U @ 2.20GHz	5,752		NA
Intel Core i5-2320 @ 3.00GHz	5,750		\$160.00*
AMD A10-7890K	5,750		\$241.70
AMD FX-6120 Six-Core	5,747		NA
AMD PRO A10-9700	5,742		\$169.00*
AMD PRO A10-8770	5,742		NA
Intel Xeon X3480 @ 3.07GHz	5,739		NA
Intel Xeon W3550 @ 3.07GHz	5,712		\$235.00*
Intel Core i7-880 @ 3.07GHz	5,679		\$583.00*
Intel Xeon X5570 @ 2.93GHz	5,679		\$48.50
Intel Core i5-2380P @ 3.10GHz	5,664		\$180.00
Intel Core i5-3330S @ 2.70GHz	5,654		\$134.99
AMD PRO A10-8750B	5,653		NA
Intel Core i7-6567U @ 3.30GHz	5,635		NA
AMD Opteron 4332 HE	5,614		NA
AMD A10-8850	5,613		NA
AMD Phenom II X6 1090T	5,606		\$396.08*
AMD A12-9800	5,598		\$94.00*
Intel Core i3-4370 @ 3.80GHz	5,595		\$989.89
Intel Core i5-6400T @ 2.20GHz	5,593		\$224.59*
Intel Core i7-950 @ 3.07GHz	5,580		\$309.99
Intel Core i7-7600U @ 2.80GHz	5,580		NA
AMD Athlon X4 880K	5,580		\$71.07*
Intel Core i5-4590T @ 2.00GHz	5,568		NA
Intel Xeon L5638 @ 2.00GHz	5,556		\$69.90*
Intel Core i7-2630QM @ 2.00GHz	5,541		\$129.00*
Intel Core i3-6098P @ 3.60GHz	5,538		\$133.74*
Intel Xeon E5-1603 @ 2.80GHz	5,536		\$164.99*
Intel Core i7-2675QM @ 2.20GHz	5,533		NA
Intel Core i5-2310 @ 2.90GHz	5,520		\$135.25
	5,494		

Intel Core i3-6100 @ 3.70GHz			\$114.99
AMD A10-7870K	5,488		\$117.46*
AMD A10-7850K APU	5,485		\$264.49
AMD A8-8650	5,481		NA
Intel Xeon W3540 @ 2.93GHz	5,479		\$359.95*
Intel Xeon E5-2603 v4 @ 1.70GHz	5,473		\$229.99*
Intel Core i3-4360 @ 3.70GHz	5,465		\$352.00*
Intel Core i7-2635QM @ 2.00GHz	5,460		NA
AMD PRO A8-8650B	5,457		NA
AMD Athlon X4 860K	5,457		\$114.99*
Intel Core i7-875K @ 2.93GHz	5,451		\$359.95
AMD A10 PRO-7850B APU	5,441		NA
AMD Ryzen 3 2200U	5,439		NA
AMD Athlon X4 845	5,436		\$173.89
Intel Xeon X5550 @ 2.67GHz	5,416		\$22.30*
AMD A10 PRO-7800B APU	5,409		NA
Intel Xeon X5560 @ 2.80GHz	5,408		\$69.45*
Intel Core i7-940 @ 2.93GHz	5,391		\$299.00
AMD Athlon X4 950	5,389		\$50.47*
Intel Core i7-870 @ 2.93GHz	5,376		\$309.95
AMD FX-6100 Six-Core	5,369		\$63.99*
AMD Phenom II X6 1075T	5,369		\$259.99*
Intel Xeon W3530 @ 2.80GHz	5,366		\$59.95*
Intel Core i3-7300T @ 3.50GHz	5,366		NA
Intel Core i7-2715QE @ 2.10GHz	5,365		NA
AMD Opteron 6164 HE	5,351		NA
Intel Core i5-2300 @ 2.80GHz	5,350		\$189.99*
AMD PRO A8-9600	5,342		\$119.00*
AMD FX-4350 Quad-Core	5,332		\$82.99
AMD Athlon X4 870K	5,312		\$60.77*
Intel Xeon E5640 @ 2.67GHz	5,311		\$156.65*
Intel Core i5-2500S @ 2.70GHz	5,299		\$135.70
AMD Opteron 3280	5,286		\$273.18*
Intel Core i3-4340 @ 3.60GHz	5,240		\$219.17
AMD FX-4330	5,239		NA
Intel Core i3-6300T @ 3.30GHz	5,236		\$163.27
Intel Core i7-7500U @ 2.70GHz	5,214		NA
Intel Pentium G4600 @ 3.60GHz	5,210		\$89.31
Intel Xeon E5-2418L @ 2.00GHz	5,202		NA
Intel Pentium G4620 @ 3.70GHz	5,194		\$122.47
AMD A10-9700	5,189		\$89.99
Intel Xeon X3470 @ 2.93GHz	5,187		\$509.95*
Intel Core i3-4170 @ 3.70GHz	5,184		\$139.00
Intel Core i5-7267U @ 3.10GHz	5,175		NA
Intel Core i7-930 @ 2.80GHz	5,157		\$508.95
AMD A10-8750	5,146		NA
AMD FX-870K Quad Core	5,143		NA
AMD A10-7700K APU	5,142		\$100.00*
Intel Xeon E5-2603 v3 @ 1.60GHz	5,140		\$336.72
Intel Xeon E5630 @ 2.53GHz	5,118		\$102.21*
	5,117		



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