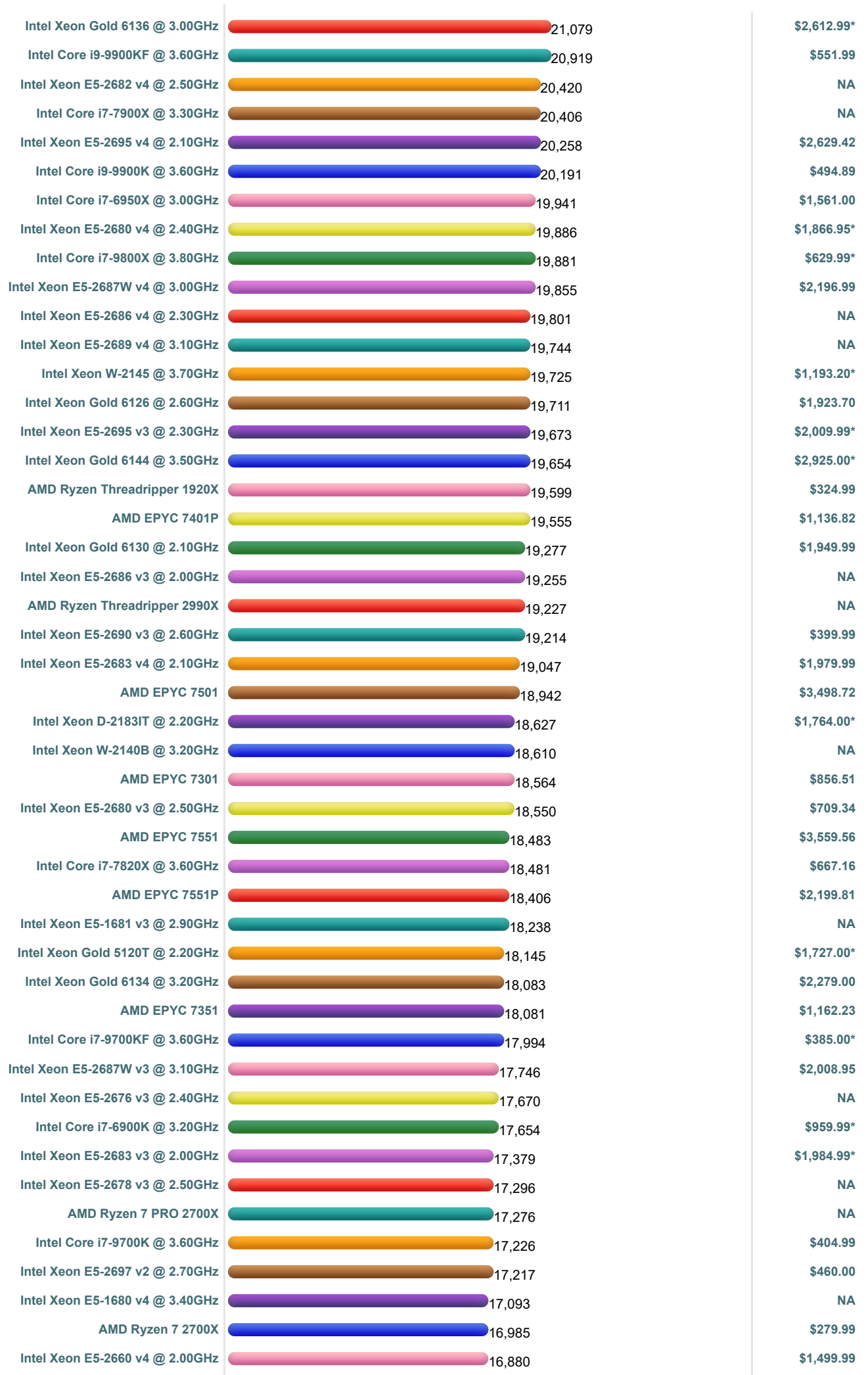
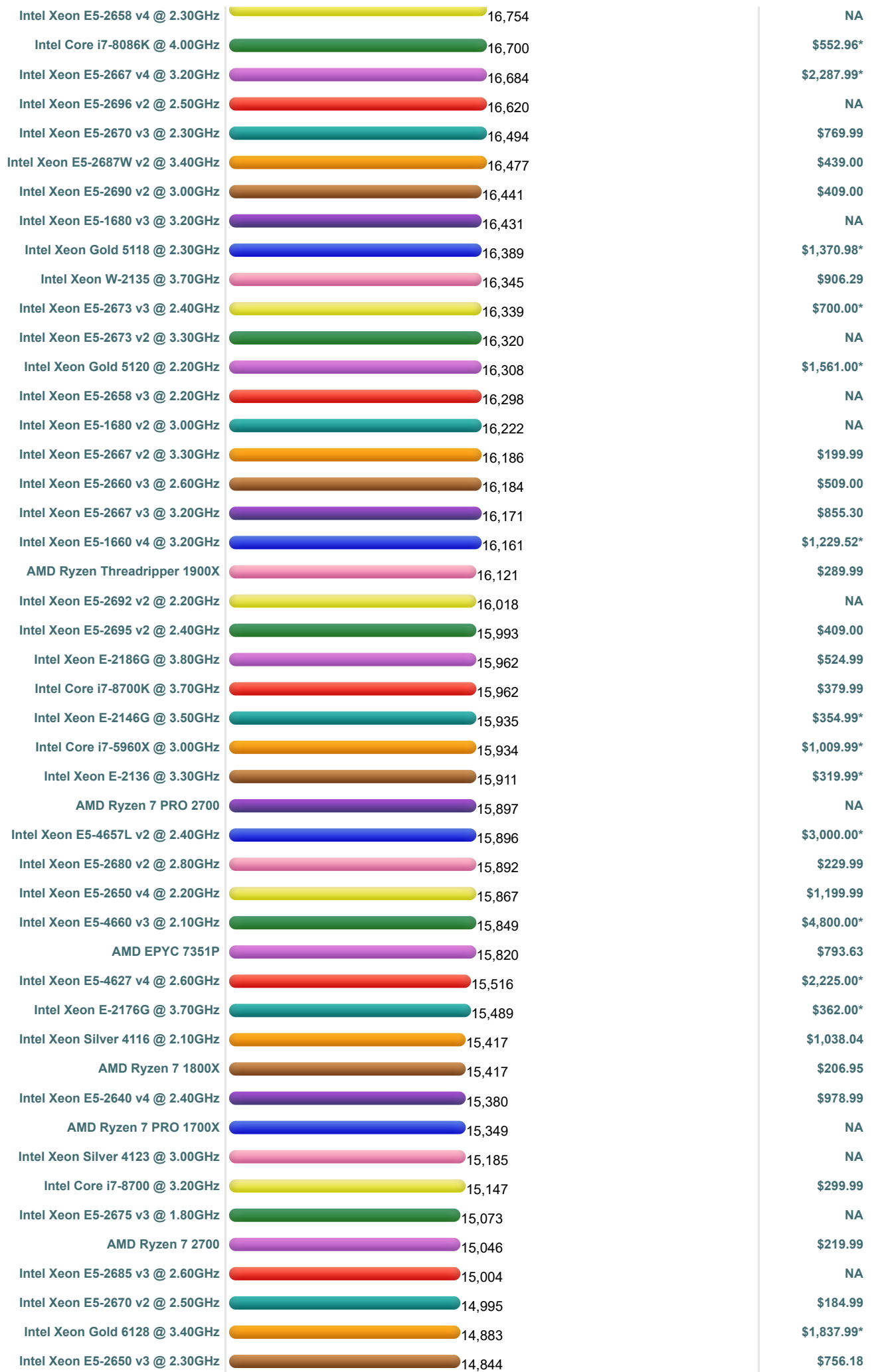


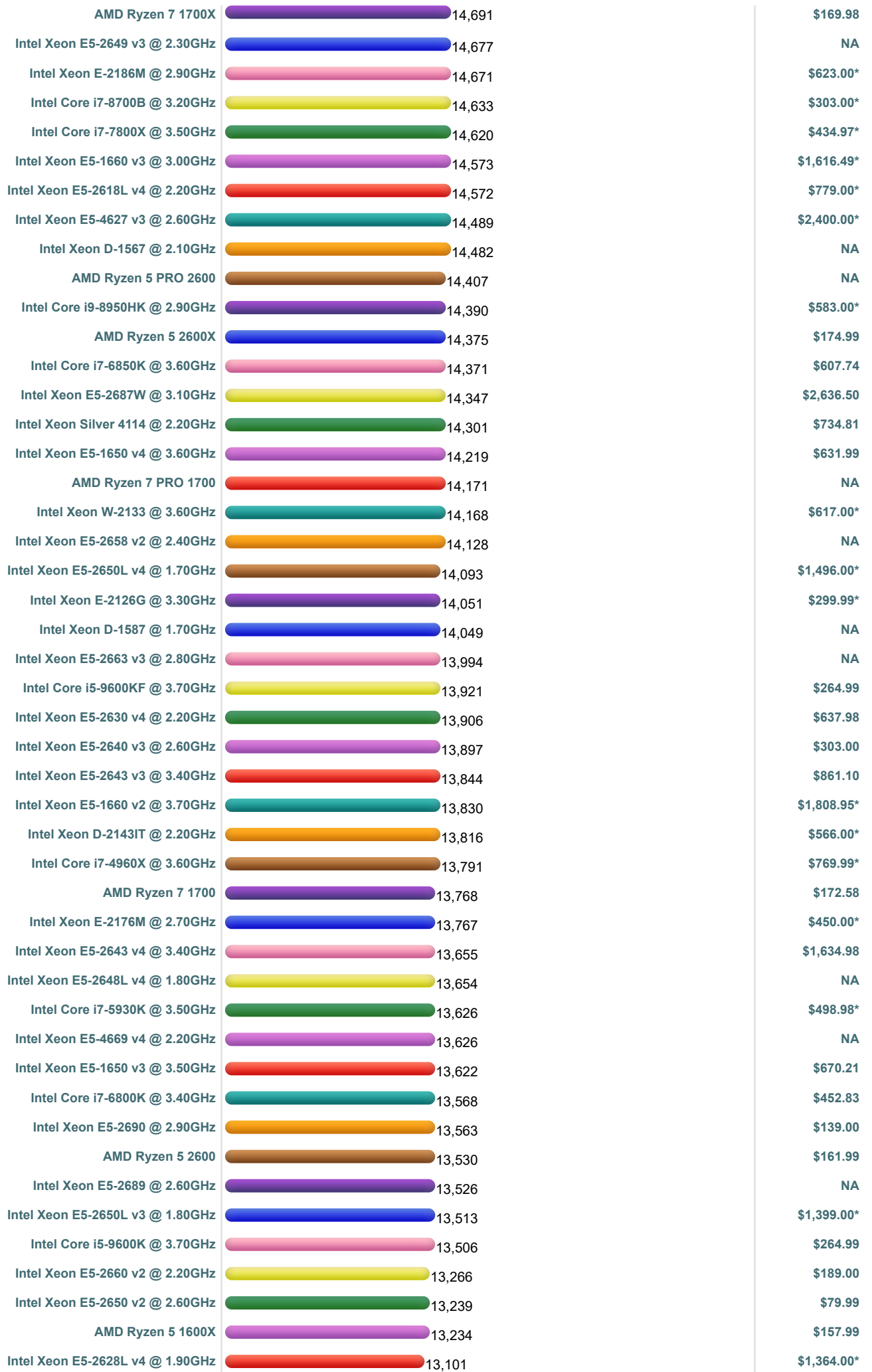
PassMark - CPU Mark

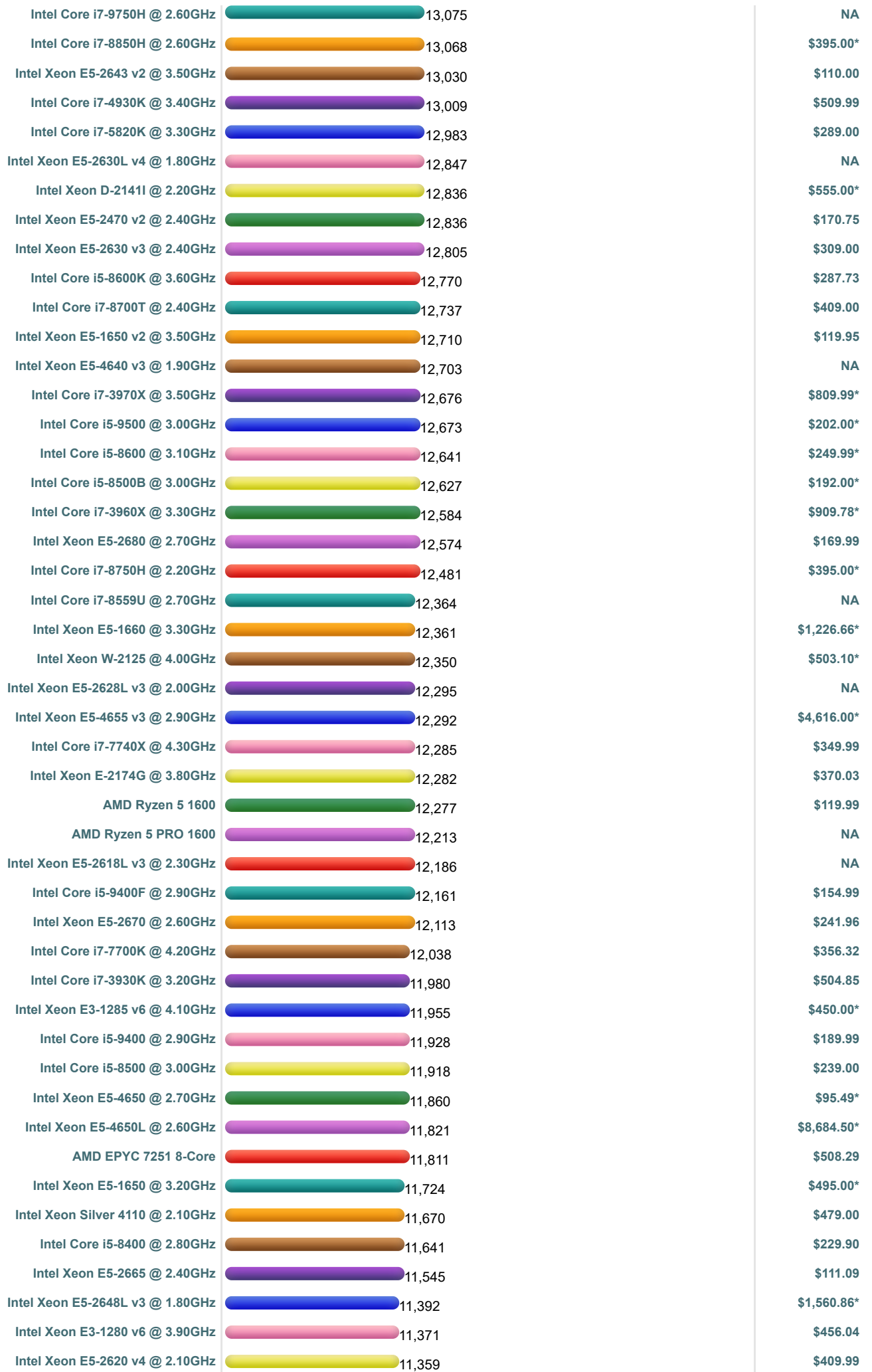
High End CPUs - Updated 16th of May 2019

		Price (USD)
Intel Core i9-9980XE @ 3.00GHz	29,236	\$1,999.99
Intel Xeon Platinum 8168 @ 2.70GHz	29,131	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28,860	NA
Intel Core i9-9960X @ 3.10GHz	28,820	\$1,699.00
Intel Xeon Platinum 8175M @ 2.50GHz	28,103	NA
Intel Core i9-7980XE @ 2.60GHz	27,914	\$1,837.67
Intel Xeon Gold 6154 @ 3.00GHz	27,722	\$3,839.78*
Intel Core i9-9940X @ 3.30GHz	27,353	\$1,399.00
Intel Xeon Gold 6148 @ 2.40GHz	26,660	\$2,935.00*
Intel Xeon Platinum 8124M @ 3.00GHz	26,652	NA
Intel Core i9-9920X @ 3.50GHz	26,002	\$1,199.99
Intel Core i9-7960X @ 2.80GHz	25,974	\$1,703.99
AMD Ryzen Threadripper 2950X	25,456	\$818.98
Intel Xeon Gold 6138 @ 2.00GHz	25,416	\$2,679.99
Intel Core i9-7940X @ 3.10GHz	25,390	\$1,399.00
Intel Xeon E5-2679 v4 @ 2.50GHz	25,266	\$2,702.00*
Intel Xeon Gold 6146 @ 3.20GHz	25,142	\$3,782.88*
Intel Xeon W-2195 @ 2.30GHz	24,983	\$2,794.91*
Intel Xeon W-2175 @ 2.50GHz	24,751	\$1,947.00*
Intel Xeon Gold 6140 @ 2.30GHz	23,964	\$2,439.99
Intel Xeon Gold 6132 @ 2.60GHz	23,907	\$2,244.49*
Intel Xeon Gold 6152 @ 2.10GHz	23,498	\$3,799.99
AMD Ryzen Threadripper 2990WX	23,466	\$1,622.34
Intel Core i9-7920X @ 2.90GHz	23,388	\$969.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23,200	\$4,433.43*
Intel Core i9-9900X @ 3.50GHz	23,097	\$999.99
Intel Xeon E5-2696 v3 @ 2.30GHz	22,480	\$2,498.00*
Intel Xeon E5-2697A v4 @ 2.60GHz	22,462	NA
Intel Xeon E5-2699 v3 @ 2.30GHz	22,375	\$4,505.95*
AMD Ryzen Threadripper 2920X	22,159	\$599.99
AMD EPYC 7371	22,071	NA
Intel Core i9-7900X @ 3.30GHz	21,901	\$919.99
AMD Ryzen Threadripper 2970WX	21,875	\$1,229.99
Intel Xeon E5-2698 v4 @ 2.20GHz	21,836	\$3,629.59*
AMD Ryzen Threadripper 1950X	21,835	\$529.99
Intel Xeon W-2155 @ 3.30GHz	21,773	\$1,530.39*
Intel Xeon W-2150B @ 3.00GHz	21,543	NA
Intel Core i9-9820X @ 3.30GHz	21,518	\$839.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21,506	\$2,775.99
Intel Xeon E5-2673 v4 @ 2.30GHz	21,474	NA
Intel Xeon E5-2697 v3 @ 2.60GHz	21,368	\$559.99
Intel Xeon E5-2690 v4 @ 2.60GHz	21,326	\$2,169.99
Intel Xeon E5-2696 v4 @ 2.20GHz	21,226	\$3,009.95*
Intel Xeon E5-2698 v3 @ 2.30GHz	21,081	\$3,424.02*



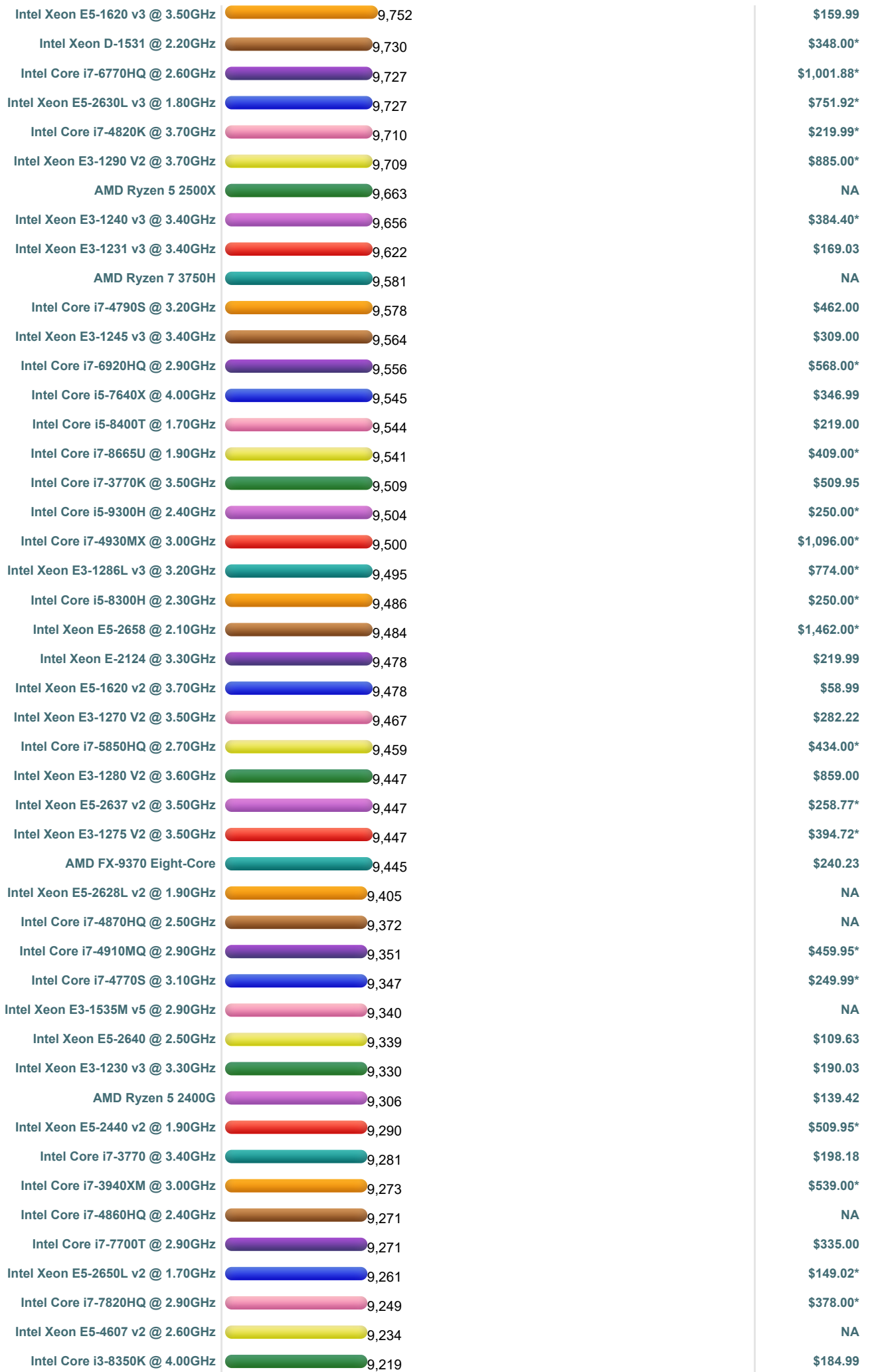






Intel Xeon E5-2651 v2 @ 1.80GHz	11,336	NA
Intel Xeon E-2134 @ 3.50GHz	11,226	\$269.99*
Intel Xeon E-2144G @ 3.60GHz	11,214	\$317.52
Intel Xeon E3-1270 v6 @ 3.80GHz	11,184	\$338.61
Intel Core i7-4790K @ 4.00GHz	11,174	\$309.00
Intel Xeon Gold 5122 @ 3.60GHz	11,154	\$1,269.99
Intel Xeon E3-1275 v6 @ 3.80GHz	11,142	\$349.99
Intel Core i7-6700K @ 4.00GHz	11,109	\$446.79*
Intel Xeon D-1541 @ 2.10GHz	11,102	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11,097	NA
Intel Xeon E5-2660 @ 2.20GHz	11,060	\$69.49
Intel Core i7-8809G @ 3.10GHz	11,039	NA
Intel Xeon E5-2629 v3 @ 2.40GHz	11,022	NA
Intel Core i5-8259U @ 2.30GHz	10,993	\$673.00
Intel Core i7-5775C @ 3.30GHz	10,976	\$686.32*
Intel Xeon E3-1285L v4 @ 3.40GHz	10,961	NA
Intel Xeon Silver 4109T @ 2.00GHz	10,946	\$501.00*
Intel Core i7-5950HQ @ 2.90GHz	10,925	NA
AMD Opteron 6386 SE	10,912	\$149.99*
Intel Core i5-8600T @ 2.30GHz	10,875	\$350.12*
Intel Core i7-5775R @ 3.30GHz	10,868	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10,797	NA
Intel Core i7-7700 @ 3.60GHz	10,731	\$330.00
Intel Xeon W-2123 @ 3.60GHz	10,711	\$335.56
Intel Xeon E3-1270L v4 @ 3.00GHz	10,691	NA
Intel Xeon D-1548 @ 2.00GHz	10,679	\$555.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10,666	\$690.01*
Intel Xeon Silver 4108 @ 1.80GHz	10,664	\$449.99
Intel Xeon E3-1575M v5 @ 3.00GHz	10,625	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10,580	NA
Intel Xeon D-1540 @ 2.00GHz	10,573	NA
Intel Xeon E3-1245 v6 @ 3.70GHz	10,543	\$309.99
Intel Xeon E5-4640 @ 2.40GHz	10,523	\$2,730.00*
Intel Xeon E3-1285 v4 @ 3.50GHz	10,510	NA
Intel Core i7-8706G @ 3.10GHz	10,483	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	10,468	\$1,082.15
Intel Xeon E3-1285 v3 @ 3.60GHz	10,458	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10,456	NA
Intel Xeon E5-2630 v2 @ 2.60GHz	10,409	\$58.23
Intel Xeon E3-1240 v6 @ 3.70GHz	10,393	\$288.14
Intel Xeon E3-1240 v5 @ 3.50GHz	10,374	\$341.67*
Intel Xeon E5-2667 @ 2.90GHz	10,372	\$63.88
Intel Xeon E3-1275 v5 @ 3.60GHz	10,366	\$553.00*
Intel Xeon E3-1270 v5 @ 3.60GHz	10,306	\$526.89
Intel Xeon E5-1630 v4 @ 3.70GHz	10,291	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10,276	\$877.75*
Intel Core i7-4980HQ @ 2.80GHz	10,254	NA

Intel Xeon E3-1260L v5 @ 2.90GHz	10,218	\$736.16*
Intel Xeon E5-1630 v3 @ 3.70GHz	10,214	\$597.85*
Intel Xeon E3-1276 v3 @ 3.60GHz	10,205	\$1,073.00*
AMD FX-9590 Eight-Core	10,192	\$169.99
Intel Xeon E5-2450 @ 2.10GHz	10,186	\$369.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10,179	\$345.31*
Intel Xeon E5-2637 v3 @ 3.50GHz	10,144	\$1,295.95*
Intel Xeon E5-2640 v2 @ 2.00GHz	10,143	\$317.99
Intel Core i5-8400H @ 2.50GHz	10,138	\$250.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10,135	\$445.00*
AMD Ryzen 5 PRO 1500	10,133	NA
Intel Xeon E5-2650 @ 2.00GHz	10,110	\$106.00
Intel Xeon E3-1271 v3 @ 3.60GHz	10,093	\$888.00*
Intel Xeon E3-1515M v5 @ 2.80GHz	10,093	NA
AMD Opteron 6380	10,081	\$96.99
AMD Ryzen 5 1500X	10,081	\$149.95
Intel Core i7-4770K @ 3.50GHz	10,079	\$345.01
Intel Xeon E5-2470 @ 2.30GHz	10,061	\$316.72*
Intel Xeon E3-1241 v3 @ 3.50GHz	10,017	\$411.99
AMD Ryzen 5 PRO 2400G	10,015	NA
Intel Xeon E5-2620 v3 @ 2.40GHz	10,011	\$359.99
Intel Core i7-6700 @ 3.40GHz	10,006	\$334.99
Intel Core i7-7820HK @ 2.90GHz	9,991	NA
Intel Core i7-4790 @ 3.60GHz	9,987	\$213.69
Intel Xeon E3-1285L v3 @ 3.10GHz	9,981	\$808.02*
Intel Core i7-7920HQ @ 3.10GHz	9,979	NA
Intel Core i5-8500T @ 2.10GHz	9,965	\$456.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9,923	\$285.00
Intel Xeon E3-1270 v3 @ 3.50GHz	9,917	\$369.99*
Intel Xeon E3-1275 v3 @ 3.50GHz	9,915	\$400.99*
Intel Core i7-4940MX @ 3.10GHz	9,914	\$709.95*
Intel Core i7-8705G @ 3.10GHz	9,908	\$1,408.75
Intel Xeon E3-1286 v3 @ 3.70GHz	9,899	\$839.00*
Intel Core i7-4771 @ 3.50GHz	9,867	\$609.99*
Intel Xeon E-2124G @ 3.40GHz	9,857	\$239.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9,856	\$409.00*
Intel Xeon E3-1230 v6 @ 3.50GHz	9,847	\$259.99
Intel Core i7-4770R @ 3.20GHz	9,822	NA
Intel Core i7-5850EQ @ 2.70GHz	9,817	\$435.00*
Intel Xeon E3-1505M v6 @ 3.00GHz	9,807	NA
Intel Core i7-4960HQ @ 2.60GHz	9,807	\$623.00*
Intel Core i7-995X @ 3.60GHz	9,791	NA
AMD Opteron 6287 SE	9,789	NA
Intel Xeon E3-1230 v5 @ 3.40GHz	9,786	\$279.99*
Intel Core i7-4770 @ 3.40GHz	9,780	\$239.08
Intel Core i7-8709G @ 3.10GHz	9,780	NA
Intel Xeon E3-1280 v3 @ 3.60GHz	9,775	\$697.36*



AMD Opteron 6376	9,212	\$65.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9,199	\$709.95
Intel Xeon E5-2440 @ 2.40GHz	9,178	\$49.96*
Intel Core i7-3920XM @ 2.90GHz	9,169	\$1,096.00*
AMD Ryzen 7 PRO 3700U	9,146	NA
Intel Xeon E3-1240 V2 @ 3.40GHz	9,136	\$153.00
Intel Xeon W3690 @ 3.47GHz	9,135	\$195.01*
Intel Xeon E3-1245 V2 @ 3.40GHz	9,126	\$168.00
Intel Core i5-7600K @ 3.80GHz	9,121	\$309.30
Intel Core i7-6820HK @ 2.70GHz	9,116	NA
AMD Opteron 6282 SE	9,116	\$129.99*
AMD Opteron 6378	9,094	\$399.00
Intel Xeon E5-2630L v2 @ 2.40GHz	9,088	NA
Intel Core i7-8565U @ 1.80GHz	9,088	NA
Intel Core i7-4790T @ 2.70GHz	9,082	\$359.00*
Intel Core i7-990X @ 3.47GHz	9,061	\$349.99*
Intel Xeon E3-1265L v4 @ 2.30GHz	9,060	NA
Intel Core i7-4850HQ @ 2.30GHz	9,051	\$434.00*
Intel Xeon E5-1620 @ 3.60GHz	9,040	\$329.93
AMD FX-8370 Eight-Core	9,036	\$123.32
Intel Xeon E5-4617 @ 2.90GHz	9,029	\$89.90*
Intel Xeon W3680 @ 3.33GHz	9,026	\$759.95*
Intel Core i7-6700T @ 2.80GHz	9,018	\$300.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	8,991	\$559.99
Intel Core i7-3820 @ 3.60GHz	8,989	\$189.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8,988	\$404.99*
Intel Core i7-4900MQ @ 2.80GHz	8,978	\$586.67*
Intel Xeon E5-2448L v2 @ 1.80GHz	8,954	\$1,424.00*
AMD FX-8350 Eight-Core	8,951	\$69.95
Intel Core i7-4770HQ @ 2.20GHz	8,948	NA
Intel Core i5-8305G @ 2.80GHz	8,946	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8,942	NA
Intel Xeon E3-1275L v3 @ 2.70GHz	8,906	NA
AMD Ryzen 7 PRO 2700U	8,897	NA
Intel Core i7-3770S @ 3.10GHz	8,892	\$179.99
AMD Opteron 6276	8,889	\$169.00
Intel Xeon X5690 @ 3.47GHz	8,883	\$199.95
Intel Xeon E5-2630 @ 2.30GHz	8,860	\$36.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8,859	\$127.00
Intel Xeon X5679 @ 3.20GHz	8,845	NA
Intel Core i7-8650U @ 1.90GHz	8,822	NA
Intel Core i7-7700HQ @ 2.80GHz	8,806	NA
Intel Core i7-6820HQ @ 2.70GHz	8,774	NA
Intel Core i7-3840QM @ 2.80GHz	8,773	\$335.00*
Intel Core i7-980X @ 3.33GHz	8,746	\$909.99
Intel Core i5-7600 @ 3.50GHz	8,730	\$259.53
Intel Xeon E3-1290 @ 3.60GHz	8,699	\$885.00*

Intel Xeon E3-1268L v5 @ 2.40GHz	8,695	\$377.00*
Intel Core i7-2700K @ 3.50GHz	8,687	\$329.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8,685	\$34.65
Intel Xeon E5-2650L @ 1.80GHz	8,676	\$79.00*
Intel Core i7-6700TE @ 2.40GHz	8,674	NA
AMD Ryzen 5 PRO 2400GE	8,663	NA
Intel Core i3-8300 @ 3.70GHz	8,657	\$174.10
Intel Core i7-4760HQ @ 2.10GHz	8,651	NA
Intel Core i7-4810MQ @ 2.80GHz	8,646	\$424.95*
Intel Core i7-980 @ 3.33GHz	8,643	\$199.98*
Intel Xeon E5-2420 v2 @ 2.20GHz	8,632	\$44.00
Intel Core i7-6820EQ @ 2.80GHz	8,626	NA
Intel Xeon Silver 4112 @ 2.60GHz	8,611	\$512.17
Intel Core i7-4770T @ 2.50GHz	8,587	\$399.99*
AMD Ryzen 3 2300X	8,518	NA
AMD Ryzen 7 2800H	8,498	NA
AMD Ryzen 5 3550H	8,496	NA
Intel Xeon E3-1280 @ 3.50GHz	8,465	\$368.00
Intel Core i7-4800MQ @ 2.70GHz	8,453	\$204.00*
Intel Core i3-8100B @ 3.60GHz	8,453	\$133.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8,444	\$549.00*
Intel Xeon E5-2643 @ 3.30GHz	8,436	\$2,226.00*
Intel Core i7-2600K @ 3.40GHz	8,424	\$179.00
Intel Xeon X5680 @ 3.33GHz	8,407	\$75.00
AMD Ryzen 5 PRO 2500U	8,407	NA
Intel Core i7-3820QM @ 2.70GHz	8,404	\$486.99*
AMD Ryzen 5 1400	8,368	\$143.98
Intel Core i7-5700HQ @ 2.70GHz	8,355	NA
Intel Core i7-970 @ 3.20GHz	8,352	\$499.95*
AMD Ryzen 5 2400GE	8,345	NA
Intel Core i7-3740QM @ 2.70GHz	8,321	\$239.95*
Intel Core i7-8550U @ 1.80GHz	8,296	NA
Intel Xeon E5-2450L @ 1.80GHz	8,261	\$79.99*
AMD Ryzen Embedded V1807B	8,247	NA
Intel Core i7-5700EQ @ 2.60GHz	8,239	NA
Intel Xeon E3-1270 @ 3.40GHz	8,238	\$317.00*
Intel Core i5-8350U @ 1.70GHz	8,222	\$297.00*
Intel Xeon E3-1275 @ 3.40GHz	8,215	\$304.00
Intel Xeon D-1528 @ 1.90GHz	8,210	NA
Intel Core i7-3770T @ 2.50GHz	8,208	\$329.99*
Intel Core i7-4750HQ @ 2.00GHz	8,201	NA
Intel Core i5-5675C @ 3.10GHz	8,191	\$399.99*
Intel Core i7-2600 @ 3.40GHz	8,187	\$162.10
Intel Xeon X5675 @ 3.07GHz	8,174	\$129.81
Intel Core i7-5675C @ 3.10GHz	8,164	NA
Intel Core i5-8265U @ 1.60GHz	8,141	\$297.00*
Intel Xeon D-2123IT @ 2.20GHz	8,140	\$213.00*

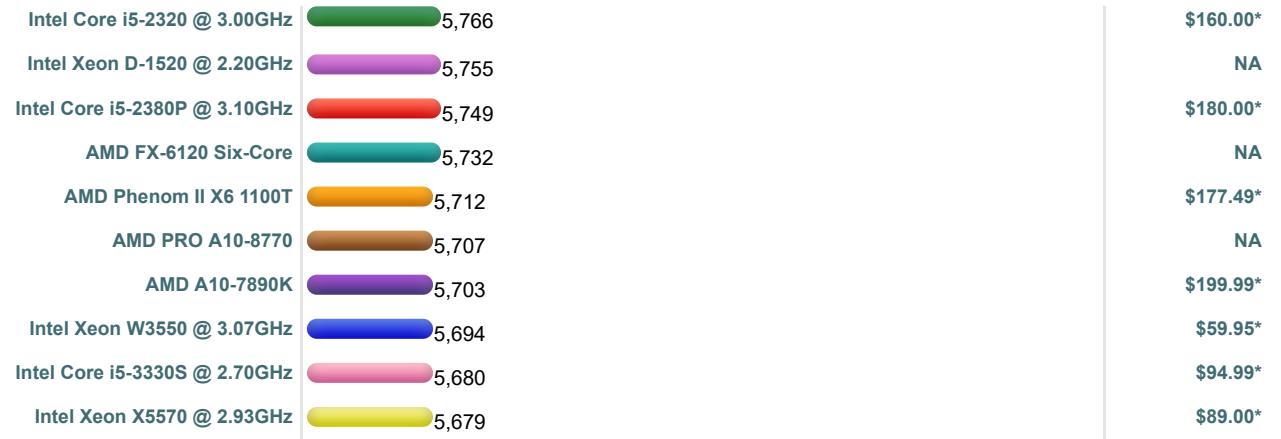
Intel Core i7-6700HQ @ 2.60GHz	8,133	\$378.00*
Intel Xeon E5-4620 @ 2.20GHz	8,127	\$139.99
Intel Xeon W3670 @ 3.20GHz	8,121	\$499.99*
Intel Core i7-3720QM @ 2.60GHz	8,117	\$363.00*
Intel Xeon E3-1225 v6 @ 3.30GHz	8,097	\$234.99
Intel Core i5-7600T @ 2.80GHz	8,077	\$234.89
Intel Core i7-4722HQ @ 2.40GHz	8,067	NA
Intel Core i5-6600K @ 3.50GHz	8,063	\$159.99
Intel Xeon D-1559 @ 1.50GHz	8,055	NA
Intel Core i5-5675R @ 3.10GHz	8,054	NA
Intel Core i3-8100 @ 3.60GHz	8,043	\$129.00
AMD Ryzen 3 PRO 2200G	8,042	NA
Intel Core i3-8300T @ 3.20GHz	8,032	\$170.49*
AMD Ryzen 3 PRO 1300	8,022	NA
Intel Core i5-7500 @ 3.40GHz	8,020	\$214.99
AMD FX-8320 Eight-Core	8,017	\$149.00
Intel Xeon E3-1245 @ 3.30GHz	7,997	\$96.00
Intel Core i7-4720HQ @ 2.60GHz	7,994	NA
Intel Core i7-4710MQ @ 2.50GHz	7,989	\$271.57*
Intel Xeon E3-1240 @ 3.30GHz	7,962	\$121.00
AMD Ryzen 5 2600H	7,949	NA
Intel Xeon E5-2620 @ 2.00GHz	7,904	\$100.59
Intel Xeon E5-2630L @ 2.00GHz	7,865	NA
Intel Xeon E3-1220 v6 @ 3.00GHz	7,859	\$214.99
Intel Xeon X5670 @ 2.93GHz	7,857	\$40.00
Intel Xeon E5-2608L v3 @ 2.00GHz	7,857	\$441.00*
Intel Xeon E3-1268L v3 @ 2.30GHz	7,850	NA
Intel Xeon E3-1230 @ 3.20GHz	7,848	\$127.00
Intel Xeon E-2104G @ 3.20GHz	7,825	\$193.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7,821	\$268.04*
Intel Core i7-4860EQ @ 1.80GHz	7,818	NA
AMD Opteron 6328	7,813	\$359.00
AMD FX-8370E Eight-Core	7,805	\$209.00
AMD Ryzen Embedded V1605B	7,797	NA
Intel Core i5-4690K @ 3.50GHz	7,796	\$309.00
Intel Xeon E3-1240L v5 @ 2.10GHz	7,793	\$278.00*
Intel Core i5-8365U @ 1.60GHz	7,784	\$297.00*
Intel Xeon E3-1220 v5 @ 3.00GHz	7,776	\$266.46*
Intel Core i5-6600 @ 3.30GHz	7,771	\$259.94*
Intel Xeon D-1537 @ 1.70GHz	7,731	\$571.00*
Intel Core i7-4700HQ @ 2.40GHz	7,725	\$383.00*
AMD FX-8310 Eight-Core	7,723	NA
Intel Core i7-4710HQ @ 2.50GHz	7,722	NA
AMD FX-8300 Eight-Core	7,720	\$91.00
AMD Ryzen 3 PRO 2200GE	7,698	NA
Intel Core i7-4700MQ @ 2.40GHz	7,685	\$189.00*
Intel Core i5-8250U @ 1.60GHz	7,682	NA

Intel Xeon E3-1235 @ 3.20GHz	7,680	\$244.00
Intel Core i5-4690 @ 3.50GHz	7,678	\$189.00
AMD Opteron 6238	7,673	\$59.99*
Intel Core i5-7440HQ @ 2.80GHz	7,659	NA
Intel Core i5-4670K @ 3.40GHz	7,634	\$343.81*
AMD FX-8150 Eight-Core	7,632	\$1,445.01*
Intel Core i7-4785T @ 2.20GHz	7,629	NA
AMD Ryzen 5 3500U	7,627	NA
Intel Core i7-3630QM @ 2.40GHz	7,581	\$239.00*
Intel Xeon X5660 @ 2.80GHz	7,577	\$34.00*
Intel Xeon E3-1226 v3 @ 3.30GHz	7,568	\$563.00*
AMD FX-8320E Eight-Core	7,549	\$96.00
Intel Core i7-4712HQ @ 2.30GHz	7,523	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7,513	NA
AMD Opteron 6366 HE	7,503	\$199.99*
AMD Ryzen 3 1300X	7,501	\$108.76
Intel Core i5-5575R @ 2.80GHz	7,484	NA
Intel Core i7-3610QM @ 2.30GHz	7,459	\$399.99*
Intel Core i7-3615QE @ 2.30GHz	7,458	NA
Intel Core i5-4670 @ 3.40GHz	7,455	\$219.00
Intel Xeon W-2104 @ 3.20GHz	7,439	\$255.00*
Intel Xeon E5-1410 v2 @ 2.80GHz	7,430	NA
Intel Xeon E5-2648L @ 1.80GHz	7,426	NA
Intel Core i5-4690S @ 3.20GHz	7,421	\$449.53*
Intel Core i5-4670R @ 3.00GHz	7,419	\$276.00*
Intel Core i7-4702HQ @ 2.20GHz	7,417	NA
Intel Core i5-4670K CPT @ 3.40GHz	7,411	NA
Intel Core i3-8100T @ 3.10GHz	7,403	\$139.00*
Intel Xeon E3-1265L V2 @ 2.50GHz	7,403	\$305.00
Intel Xeon X5650 @ 2.67GHz	7,388	\$21.63
Intel Core i7-3615QM @ 2.30GHz	7,386	NA
AMD Ryzen 7 2700U	7,368	NA
Intel Core i5-4670S @ 3.10GHz	7,353	\$213.00*
Intel Core i5-6600T @ 2.70GHz	7,342	\$299.95
Intel Core i5-7400 @ 3.00GHz	7,335	\$215.34
AMD Ryzen 5 2500U	7,331	NA
Intel Core i5-4590 @ 3.30GHz	7,328	\$149.00
Intel Xeon E5-1410 @ 2.80GHz	7,312	NA
AMD Ryzen 3 2200G	7,309	\$79.99
Intel Core i7-4765T @ 2.00GHz	7,307	\$399.99*
Intel Xeon E5-2430L @ 2.00GHz	7,269	\$103.99*
Intel Xeon E5-1607 v4 @ 3.10GHz	7,249	NA
Intel Core i5-6500 @ 3.20GHz	7,247	\$199.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7,242	\$281.00
Intel Core i7-2960XM @ 2.70GHz	7,239	\$409.95*
Intel Xeon E3-1230L v3 @ 1.80GHz	7,231	\$287.90*
Intel Core i7-4712MQ @ 2.30GHz	7,219	NA

Intel Core i7-4700EQ @ 2.40GHz	7,180	NA
Intel Core i5-3570K @ 3.40GHz	7,174	\$399.99
Intel Core i5-4570 @ 3.20GHz	7,145	\$217.00
Intel Xeon E3-1220 v3 @ 3.10GHz	7,137	\$206.00
Intel Core i7-4702MQ @ 2.20GHz	7,128	\$337.04*
Intel Core i5-3570 @ 3.40GHz	7,127	\$94.99
AMD Ryzen 3 PRO 2300U	7,124	NA
Intel Core i5-6402P @ 2.80GHz	7,119	\$189.99*
Intel Core i7-2600S @ 2.80GHz	7,088	\$189.99*
Intel Xeon X5687 @ 3.60GHz	7,076	\$49.95
AMD Ryzen 3 PRO 1200	7,069	NA
Intel Core i5-4590S @ 3.00GHz	7,064	\$232.00
Intel Xeon E5-2420 @ 1.90GHz	7,045	\$20.79*
Intel Core i7-2920XM @ 2.50GHz	7,043	\$440.44*
Intel Core i5-7500T @ 2.70GHz	7,014	\$226.99
AMD FX-6350 Six-Core	6,999	\$139.94
Intel Xeon D-1521 @ 2.40GHz	6,980	NA
Intel Core i7-2860QM @ 2.50GHz	6,970	\$599.99*
Intel Xeon E5-1607 v3 @ 3.10GHz	6,961	NA
Intel Core i5-3550 @ 3.30GHz	6,958	\$149.99*
Intel Xeon W-2102 @ 2.90GHz	6,953	\$235.83*
Intel Xeon X5677 @ 3.47GHz	6,951	\$38.08*
Intel Xeon E5649 @ 2.53GHz	6,936	\$115.00*
Intel Core i7-3632QM @ 2.20GHz	6,933	\$238.05*
AMD FX-6330 Six-Core	6,916	NA
Intel Core i5-3550S @ 3.00GHz	6,903	\$329.95
Intel Xeon E3-1225 V2 @ 3.20GHz	6,897	\$78.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6,890	\$319.99
Intel Xeon E5-2430 @ 2.20GHz	6,878	\$40.00*
Intel Xeon L5639 @ 2.13GHz	6,835	NA
Intel Core i7-3612QM @ 2.10GHz	6,822	NA
Intel Core i5-4570S @ 2.90GHz	6,818	\$191.00
Intel Core i5-6440HQ @ 2.60GHz	6,804	NA
Intel Core i5-7300HQ @ 2.50GHz	6,793	NA
AMD Opteron 6220	6,785	\$59.99*
AMD Ryzen 3 2200GE	6,778	NA
Intel Core i7-2840QM @ 2.40GHz	6,766	NA
Intel Core i5-6400 @ 2.70GHz	6,764	\$189.00
AMD Opteron 4386	6,761	\$139.99*
Intel Core i5-4570R @ 2.70GHz	6,756	NA
Intel Core i5-3570S @ 3.10GHz	6,750	\$285.00*
AMD Opteron 6272	6,748	\$658.89
AMD Ryzen 3 1200	6,736	\$65.95
Intel Core i7-4770TE @ 2.30GHz	6,732	NA
Intel Core i5-4460 @ 3.20GHz	6,715	\$241.44
Intel Core i5-3470 @ 3.20GHz	6,714	\$90.00
Intel Core i7-3612QE @ 2.10GHz	6,712	NA

Intel Xeon Bronze 3106 @ 1.70GHz	6,698	\$329.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6,697	\$64.00
Intel Core i7-3635QM @ 2.40GHz	6,676	NA
Intel Core i5-2550K @ 3.40GHz	6,668	\$129.99*
AMD Opteron 4284	6,660	\$59.99*
Intel Core i7-2820QM @ 2.30GHz	6,647	\$355.95*
Intel Core i7-985 @ 3.47GHz	6,641	NA
Intel Core i3-7350K @ 4.20GHz	6,629	\$162.95
Intel Xeon E5-2430L v2 @ 2.40GHz	6,627	NA
Intel Core i5-3475S @ 2.90GHz	6,613	\$143.50*
AMD FX-8120 Eight-Core	6,599	\$99.99*
Intel Core i5-6500TE @ 2.30GHz	6,579	\$209.99
Intel Core i7-2760QM @ 2.40GHz	6,567	\$159.81*
Intel Core i5-3450 @ 3.10GHz	6,537	\$126.99*
Intel Xeon E3-1260L @ 2.40GHz	6,534	\$85.62
Intel Core i5-4440 @ 3.10GHz	6,510	\$497.00*
Intel Core i7-7567U @ 3.50GHz	6,487	NA
Intel Core i5-4690T @ 2.50GHz	6,478	NA
Intel Core i5-2500K @ 3.30GHz	6,478	\$115.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6,470	NA
Intel Core i7-3610QE @ 2.30GHz	6,451	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6,432	NA
AMD Opteron 4280	6,430	\$50.00
Intel Core i7-6822EQ @ 2.00GHz	6,427	NA
Intel Xeon E5645 @ 2.40GHz	6,424	\$107.98*
Intel Xeon X5672 @ 3.20GHz	6,419	\$4,280.00
AMD Ryzen 7 3700U	6,416	NA
Intel Core i3-7320 @ 4.10GHz	6,413	\$182.72*
Intel Core i5-4460S @ 2.90GHz	6,412	\$659.99*
Intel Core i5-7400T @ 2.40GHz	6,403	\$327.99
AMD FX-6300 Six-Core	6,387	\$67.99
AMD Opteron 3380	6,384	\$809.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6,374	NA
Intel Core i5-3470S @ 2.90GHz	6,370	\$144.49
Intel Xeon W3580 @ 3.33GHz	6,366	\$214.50*
Intel Core i3-7300 @ 4.00GHz	6,360	\$171.84*
Intel Xeon L5640 @ 2.27GHz	6,340	\$29.97*
Intel Core i5-2500 @ 3.30GHz	6,339	\$95.55
Intel Core i5-4430 @ 3.00GHz	6,334	\$288.99
Intel Xeon X5667 @ 3.07GHz	6,291	\$79.00*
Intel Core i5-6500T @ 2.50GHz	6,289	NA
Intel Core i5-7442EQ @ 2.10GHz	6,262	\$250.00*
Intel Core i5-4440S @ 2.80GHz	6,227	\$462.97*
Intel Core i5-3450S @ 2.80GHz	6,223	\$149.45
Intel Core i5-6440EQ @ 2.70GHz	6,223	NA
AMD FX-6130 Six-Core	6,215	NA
AMD Ryzen 3 2300U	6,213	NA

Intel Xeon E5-1607 v2 @ 3.00GHz	6,211	\$34.95
Intel Xeon W5590 @ 3.33GHz	6,183	\$125.00*
Intel Xeon E5-1603 v3 @ 2.80GHz	6,177	NA
Intel Core i3-8109U @ 3.00GHz	6,176	NA
AMD Opteron 6174	6,171	\$99.00
Intel Core i5-4670T @ 2.30GHz	6,168	\$259.02*
AMD PRO A12-9800	6,154	\$169.00*
Intel Core i5-3350P @ 3.10GHz	6,148	\$149.99*
AMD FX-8140 Eight-Core	6,133	NA
Intel Core i5-2450P @ 3.20GHz	6,132	\$89.99*
Intel Core i7-975 @ 3.33GHz	6,122	\$460.00*
AMD FX-6200 Six-Core	6,119	\$339.95
Intel Core i7-2720QM @ 2.20GHz	6,116	\$309.00*
AMD Opteron 4334	6,099	\$216.42*
Intel Xeon E3-1220 @ 3.10GHz	6,099	\$57.00
Intel Core i5-6300HQ @ 2.30GHz	6,090	NA
Intel Core i5-3340 @ 3.10GHz	6,088	\$293.01*
AMD PRO A12-8870	6,067	NA
Intel Xeon W3570 @ 3.20GHz	6,062	\$479.95*
Intel Core i3-6320 @ 3.90GHz	6,047	\$178.70
Intel Xeon E3-1265L @ 2.40GHz	6,038	\$918.35*
Intel Core i7-7660U @ 2.50GHz	6,004	NA
AMD FX-8100 Eight-Core	5,996	\$142.00*
Intel Core i5-2400 @ 3.10GHz	5,966	\$64.00
AMD Opteron 3365	5,963	NA
Intel Core i5-3330 @ 3.00GHz	5,941	\$283.67*
Intel Xeon W3565 @ 3.20GHz	5,939	\$69.95*
Intel Core i5-4430S @ 2.70GHz	5,938	\$159.99*
AMD Opteron 6234	5,938	\$29.95*
Intel Xeon X5647 @ 2.93GHz	5,920	\$199.75*
Intel Core i5-3570T @ 2.30GHz	5,901	NA
Intel Xeon E5-2609 v3 @ 1.90GHz	5,896	\$399.00*
Intel Xeon E3-1225 @ 3.10GHz	5,889	\$63.00
Intel Xeon E5-1607 @ 3.00GHz	5,882	\$21.99*
Intel Core i7-2670QM @ 2.20GHz	5,880	\$259.00
Intel Core i7-965 @ 3.20GHz	5,856	\$139.99*
AMD PRO A10-8850B	5,852	NA
Intel Core i7-7560U @ 2.40GHz	5,852	NA
Intel Core i5-3340S @ 2.80GHz	5,846	\$149.99*
Intel Core i5-7360U @ 2.30GHz	5,845	NA
Intel Core i3-6300 @ 3.80GHz	5,841	\$190.14
Intel Xeon W5580 @ 3.20GHz	5,836	\$107.03*
Intel Core i7-960 @ 3.20GHz	5,803	\$273.98
Intel Core i5-3335S @ 2.70GHz	5,788	NA
Intel Core i3-7100 @ 3.90GHz	5,783	\$172.39
AMD Opteron 6212	5,776	\$29.99*
Intel Core i7-2710QE @ 2.10GHz	5,768	NA

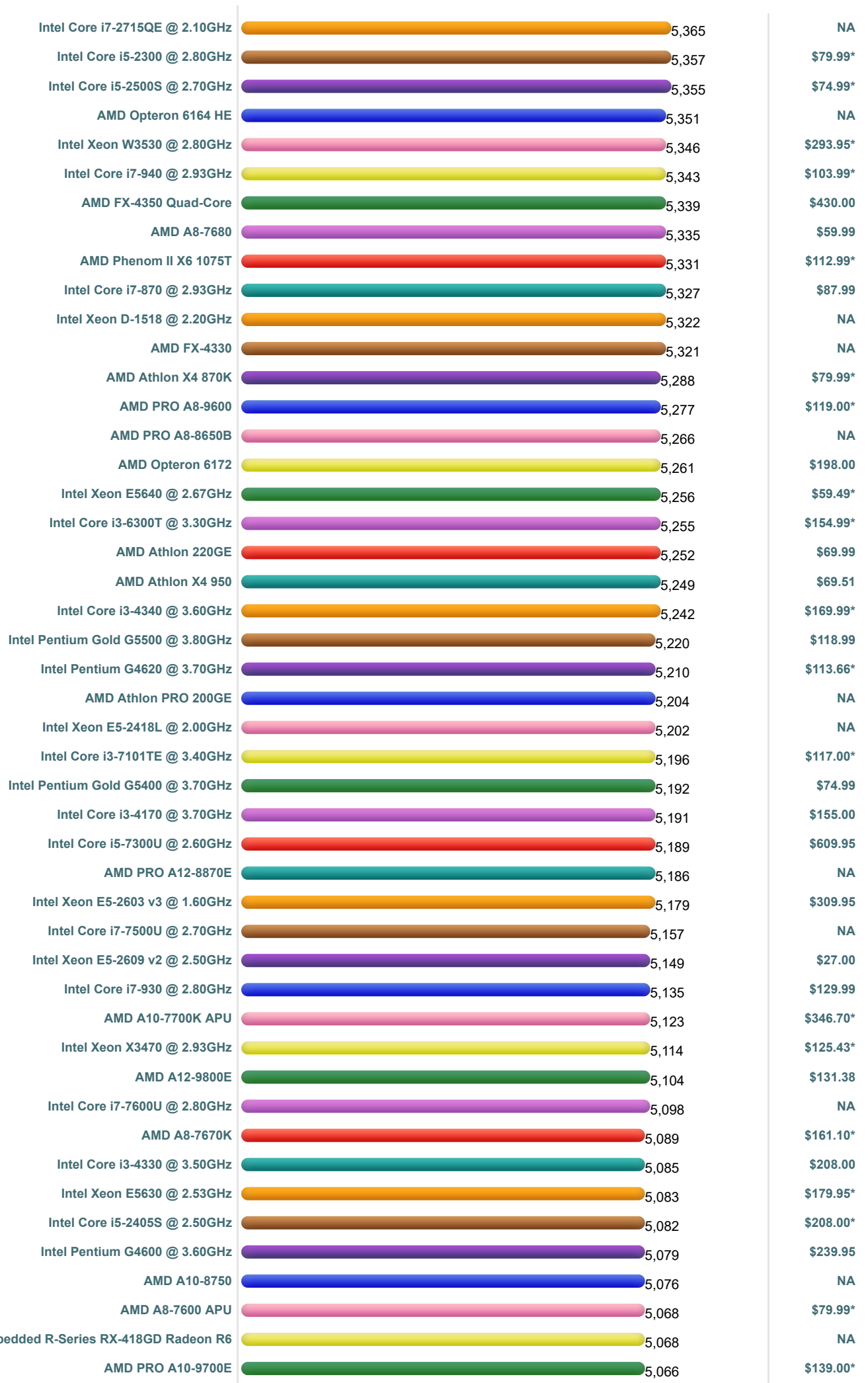


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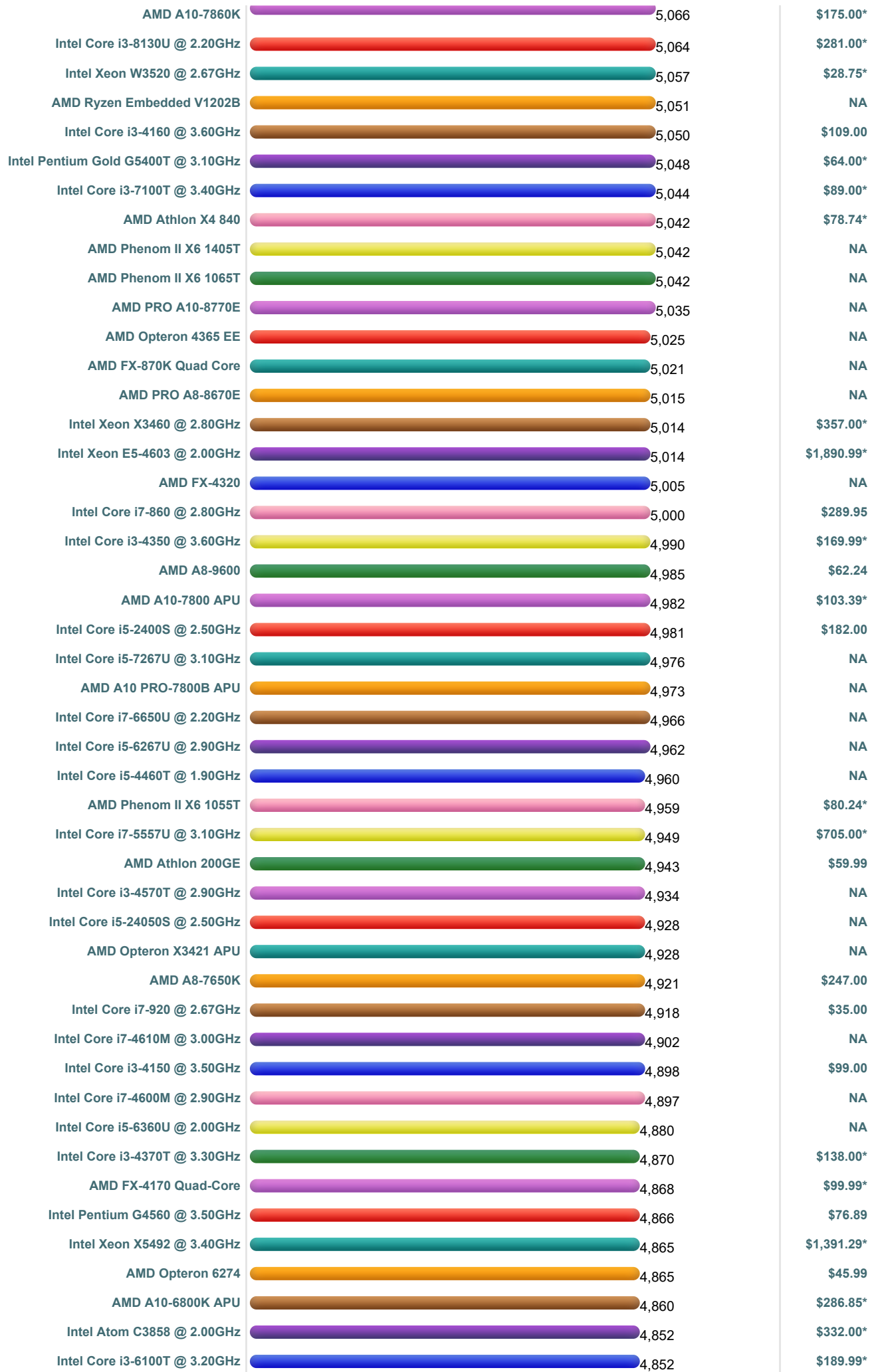
PassMark - CPU Mark

High Mid Range CPUs - Updated 16th of May 2019

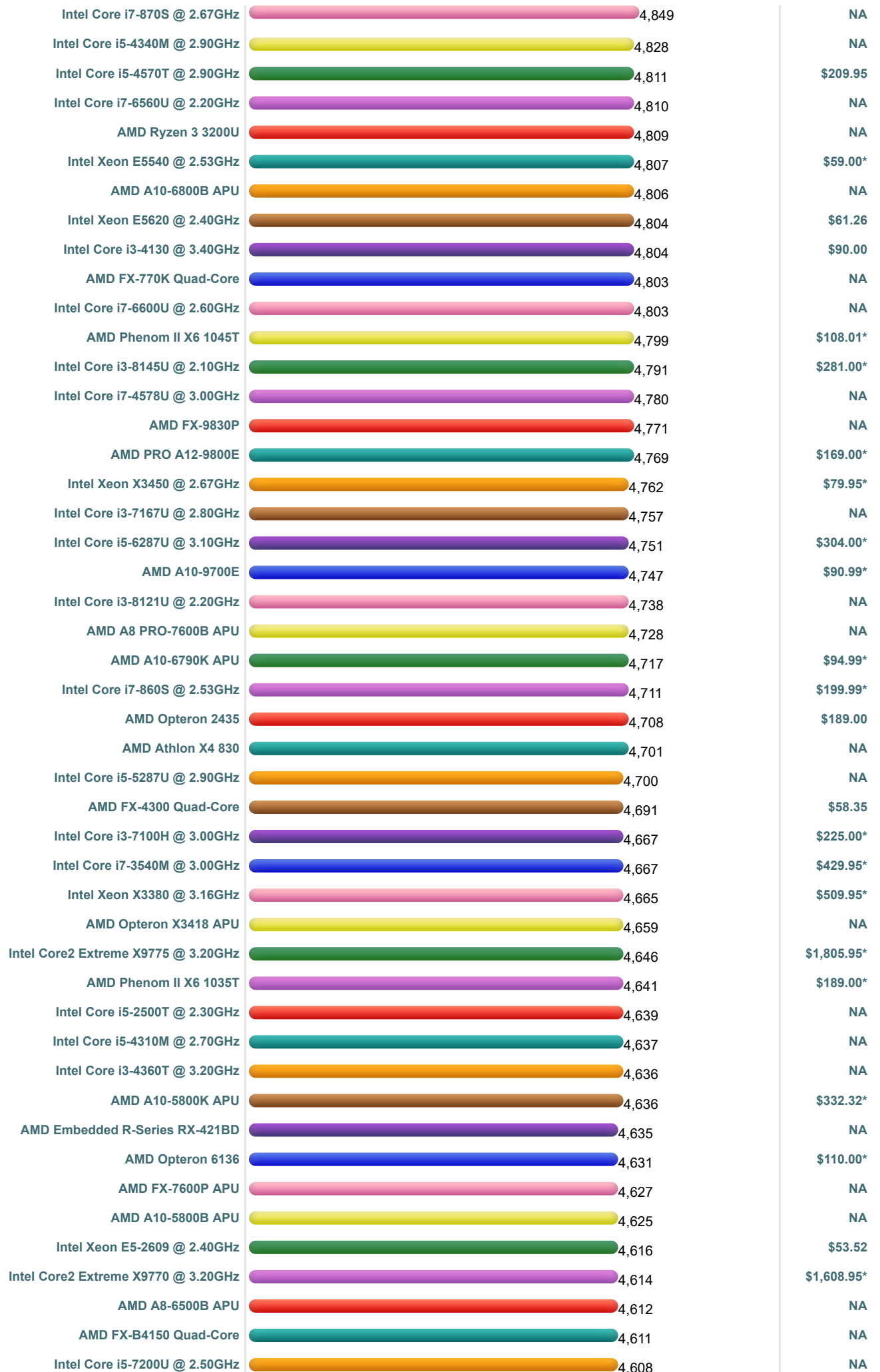
		Price (USD)
AMD PRO A10-9700	5,677	\$169.00*
Intel Core i5-7260U @ 2.20GHz	5,670	\$429.00
Intel Pentium Gold G5600 @ 3.90GHz	5,667	\$108.75*
Intel Xeon Bronze 3104 @ 1.70GHz	5,664	\$230.99
Intel Xeon X3480 @ 3.07GHz	5,657	NA
Intel Core i5-7287U @ 3.30GHz	5,656	NA
Intel Core i7-6567U @ 3.30GHz	5,656	NA
Intel Core i5-6400T @ 2.20GHz	5,619	\$259.95
Intel Core i5-4590T @ 2.00GHz	5,619	\$209.95*
AMD Opteron 4332 HE	5,614	NA
Intel Core i3-4370 @ 3.80GHz	5,610	\$309.00
AMD A10-8850	5,598	NA
Intel Xeon E5-1603 @ 2.80GHz	5,571	\$262.59*
AMD Phenom II X6 1090T	5,568	\$396.08*
Intel Xeon L5638 @ 2.00GHz	5,556	\$69.90*
AMD Athlon X4 880K	5,544	\$99.99*
Intel Core i7-950 @ 3.07GHz	5,543	\$309.99*
Intel Core i5-2310 @ 2.90GHz	5,539	\$186.33*
Intel Core i7-2675QM @ 2.20GHz	5,531	NA
Intel Core i7-2630QM @ 2.00GHz	5,525	\$229.95*
Intel Core i7-880 @ 3.07GHz	5,522	\$583.00*
AMD A12-9800	5,519	\$138.24
Intel Core i3-6100 @ 3.70GHz	5,484	\$139.00
AMD PRO A10-8750B	5,473	NA
Intel Xeon W3540 @ 2.93GHz	5,472	\$19.92*
AMD A10-7870K	5,472	\$226.99*
AMD A10-7850K APU	5,471	\$348.99
AMD A8-8650	5,470	NA
AMD Opteron 6176 SE	5,465	\$159.00*
Intel Core i3-4360 @ 3.70GHz	5,462	\$259.00
Intel Core i7-2635QM @ 2.00GHz	5,456	NA
Intel Xeon E5-2603 v4 @ 1.70GHz	5,451	\$229.99
AMD Athlon 240GE	5,428	\$72.00
Intel Core i7-875K @ 2.93GHz	5,425	\$437.97*
Intel Core i3-6098P @ 3.60GHz	5,424	\$133.74*
AMD Athlon X4 860K	5,417	\$54.50*
AMD A10-9700	5,415	\$82.51
AMD Athlon X4 845	5,414	\$53.13*
AMD Opteron 3280	5,403	\$273.18*
Intel Xeon X5560 @ 2.80GHz	5,399	\$47.79
AMD FX-6100 Six-Core	5,388	\$253.00
Intel Xeon X5550 @ 2.67GHz	5,387	\$304.85
AMD A10 PRO-7850B APU	5,380	NA
Intel Core i3-7300T @ 3.50GHz	5,369	\$181.59*

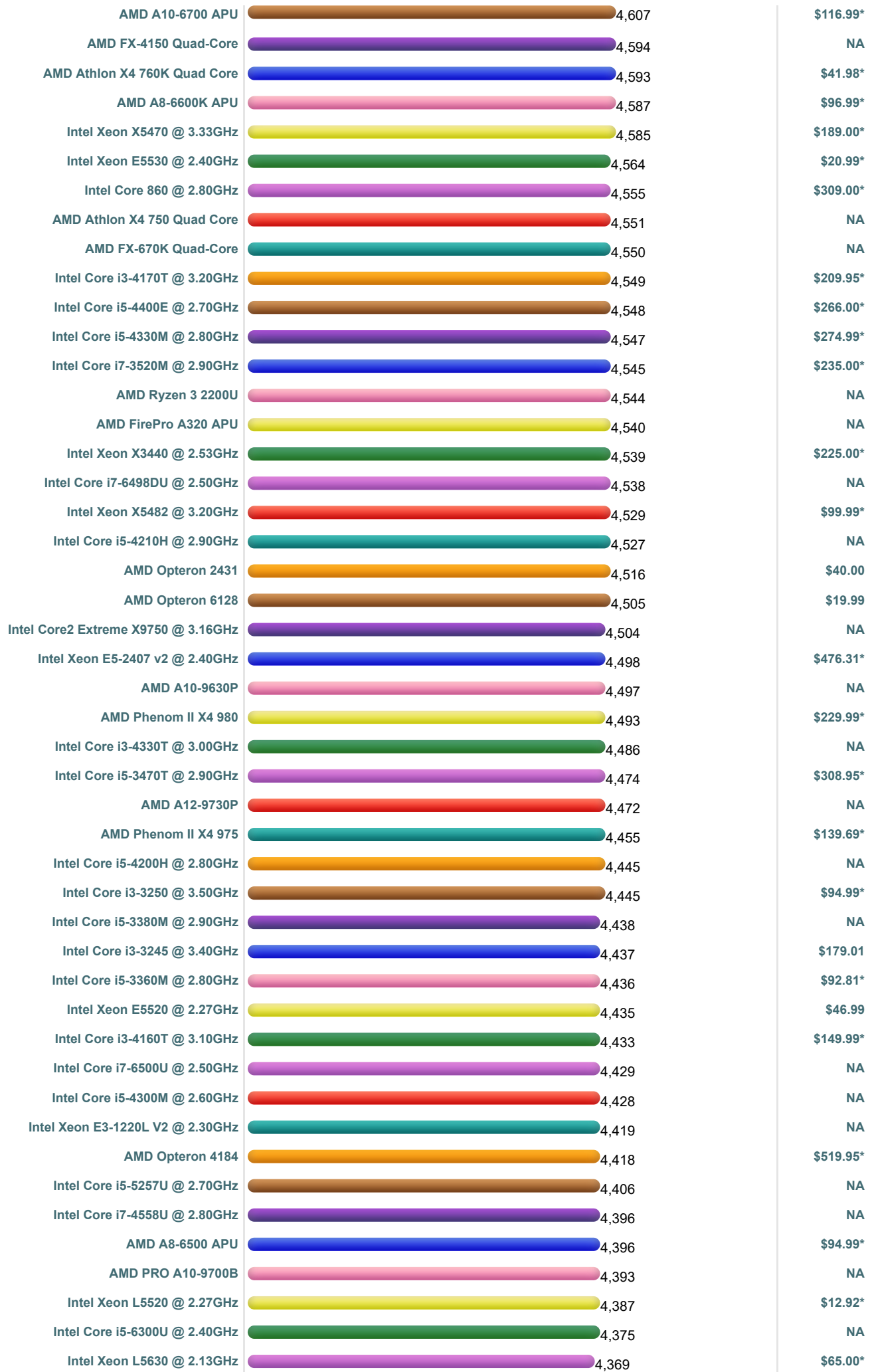


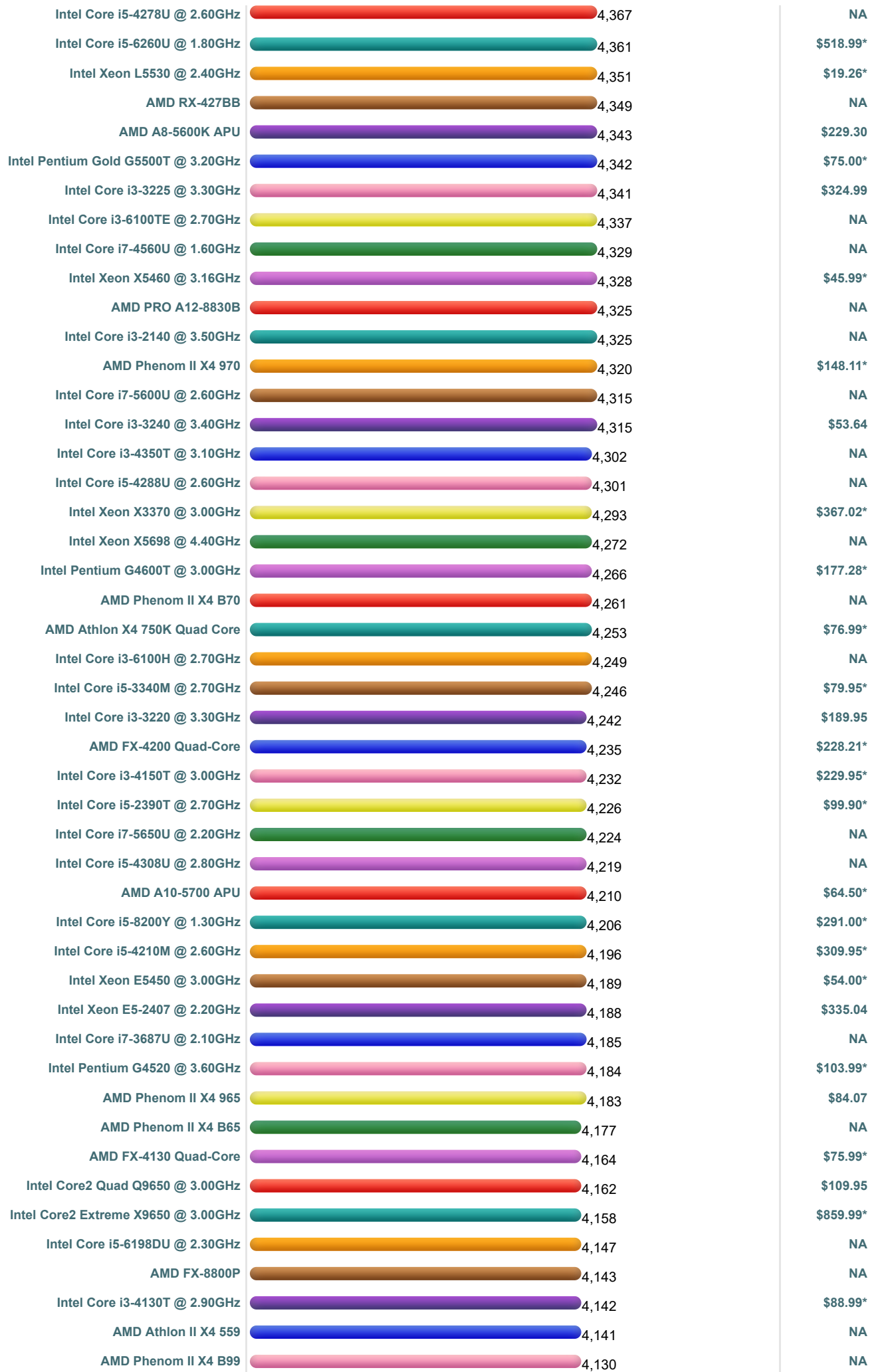
PassMark CPU Benchmarks - High Mid Range CPUs

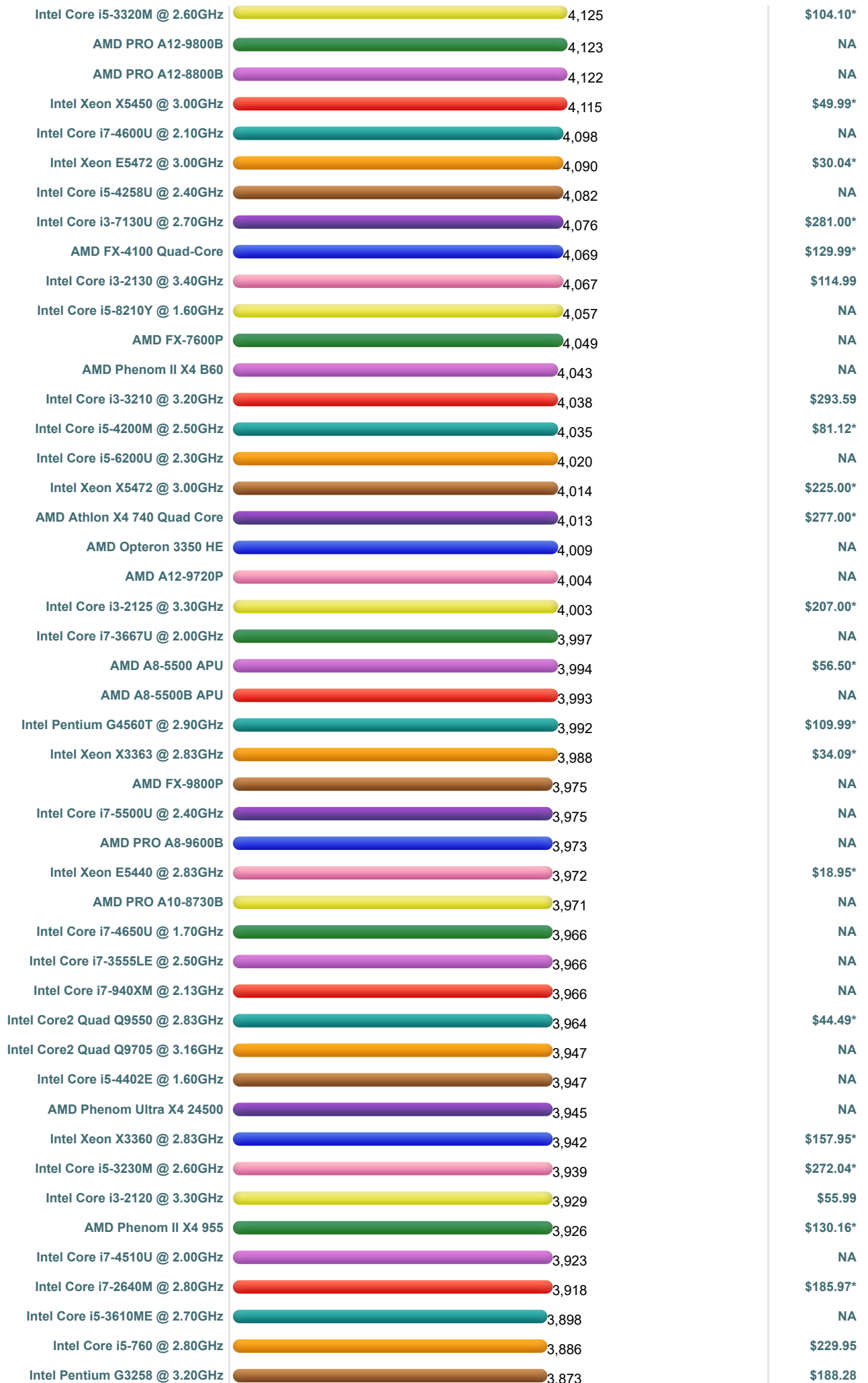


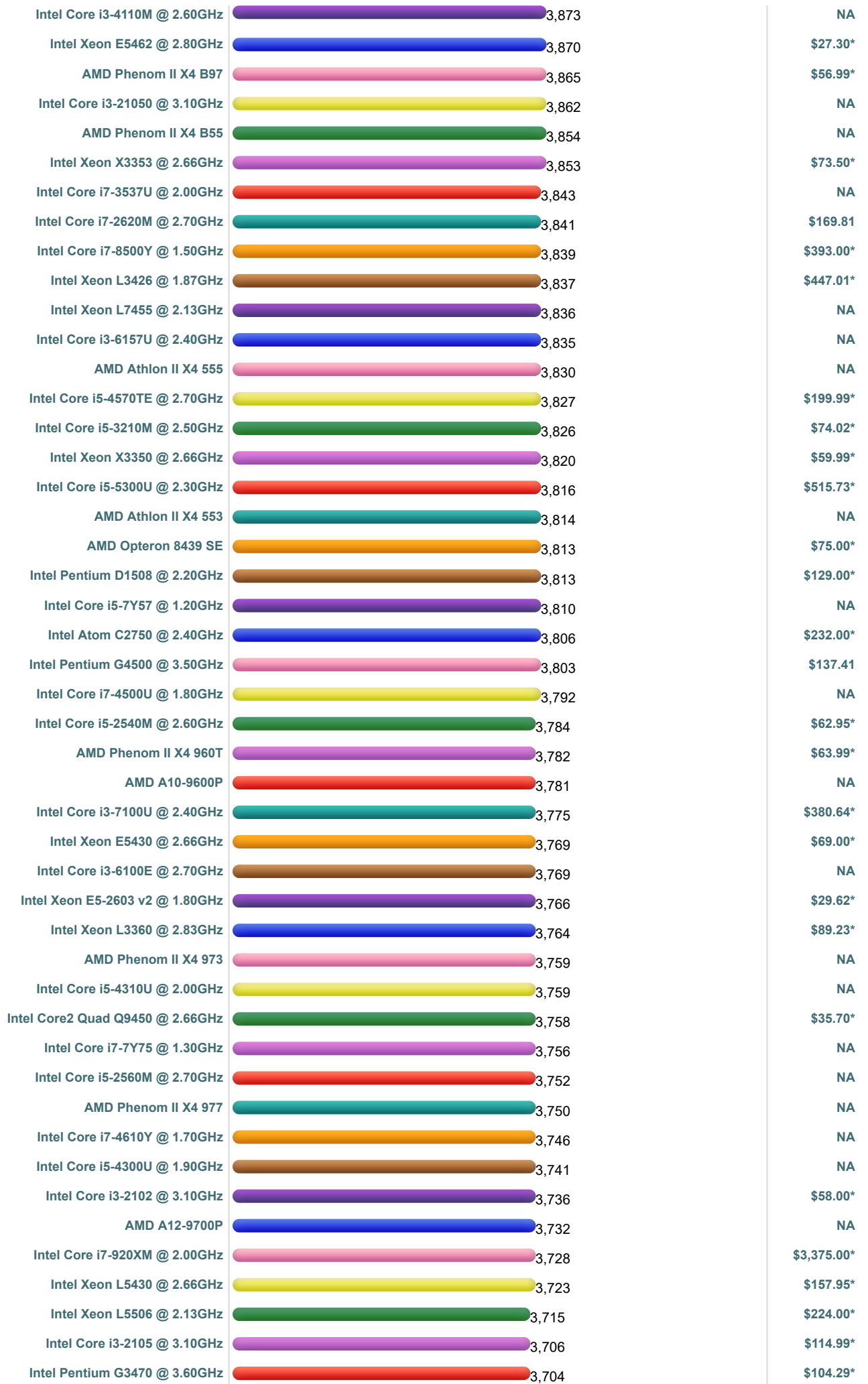
PassMark CPU Benchmarks - High Mid Range CPUs

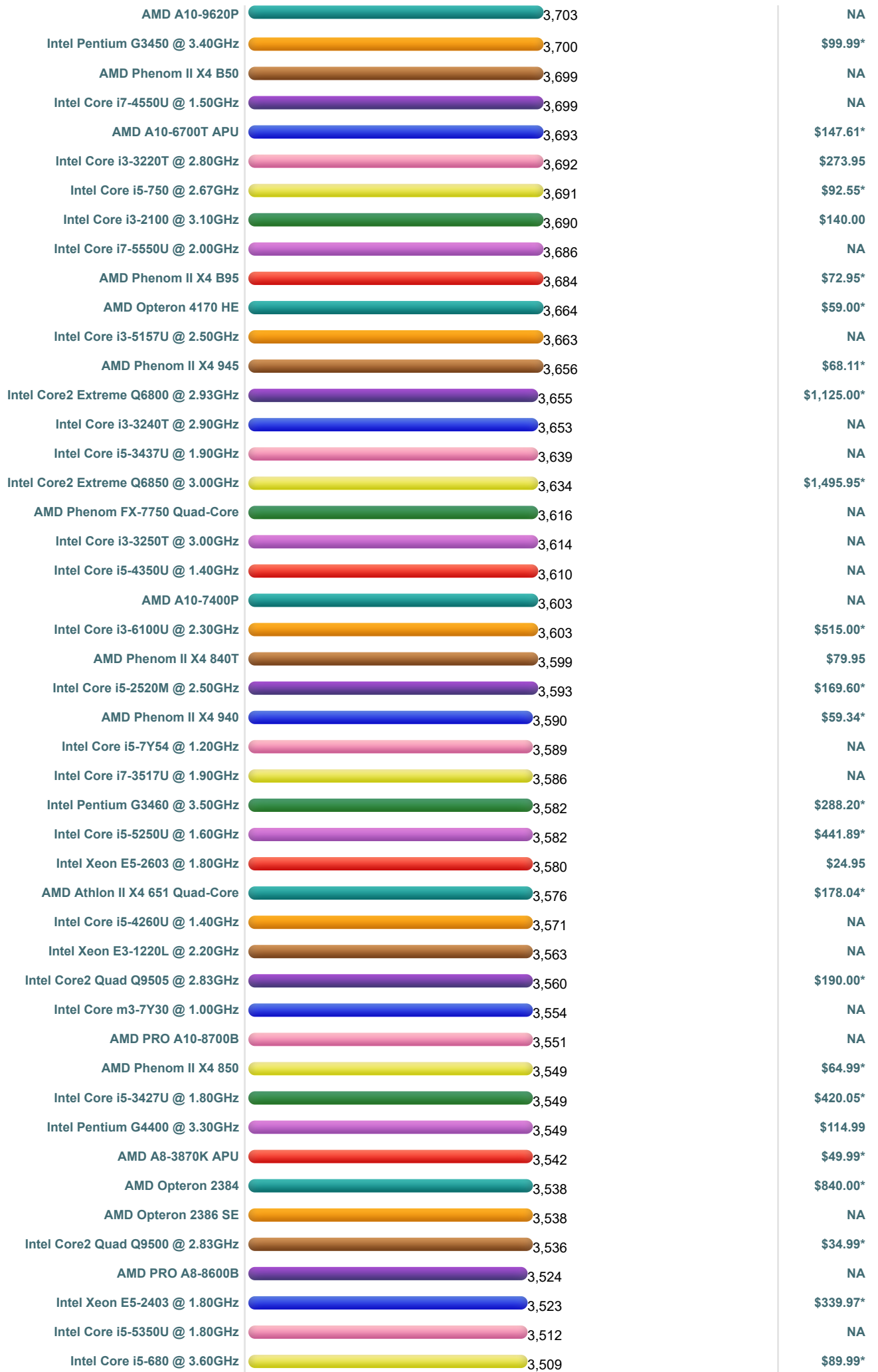


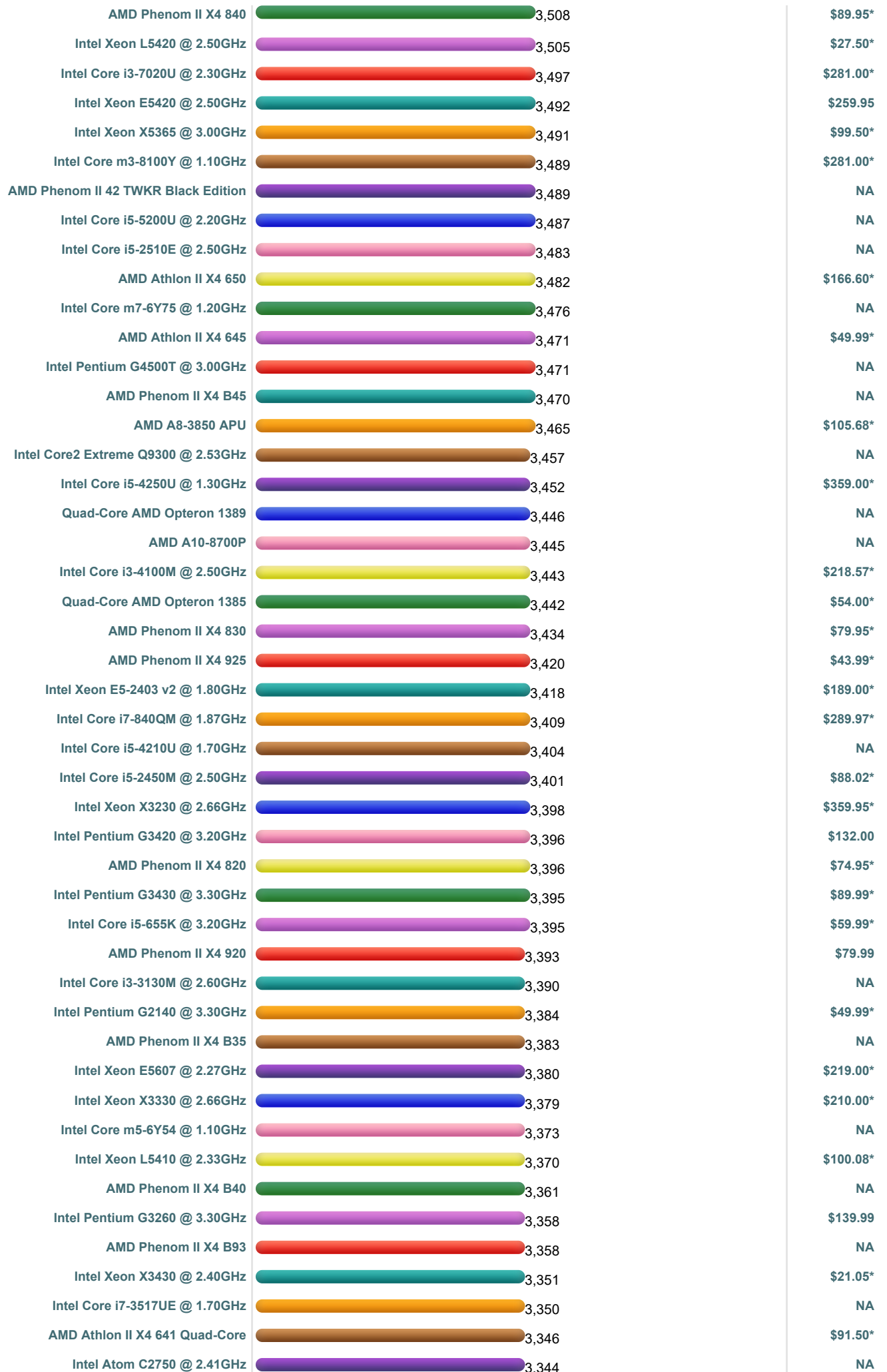


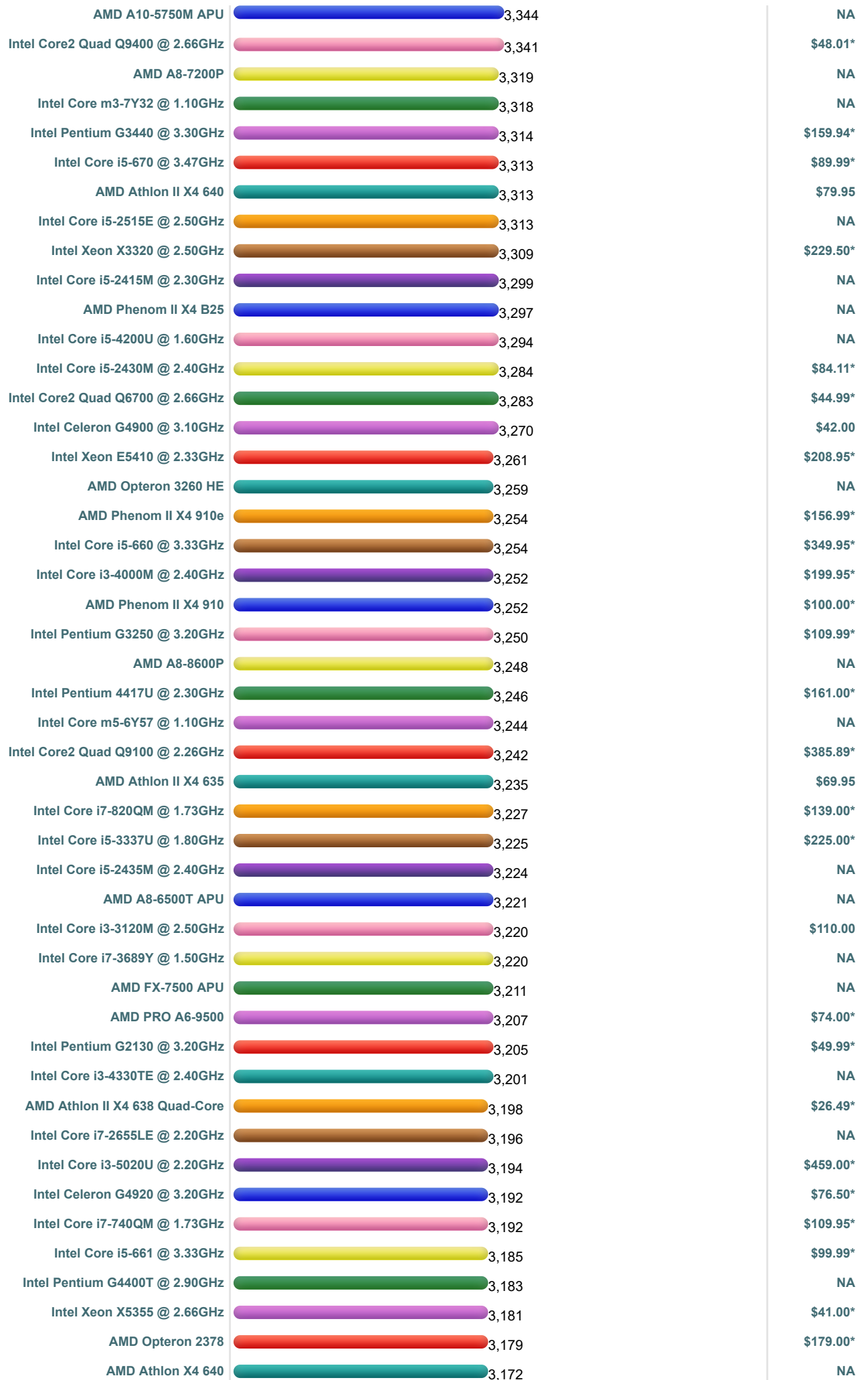


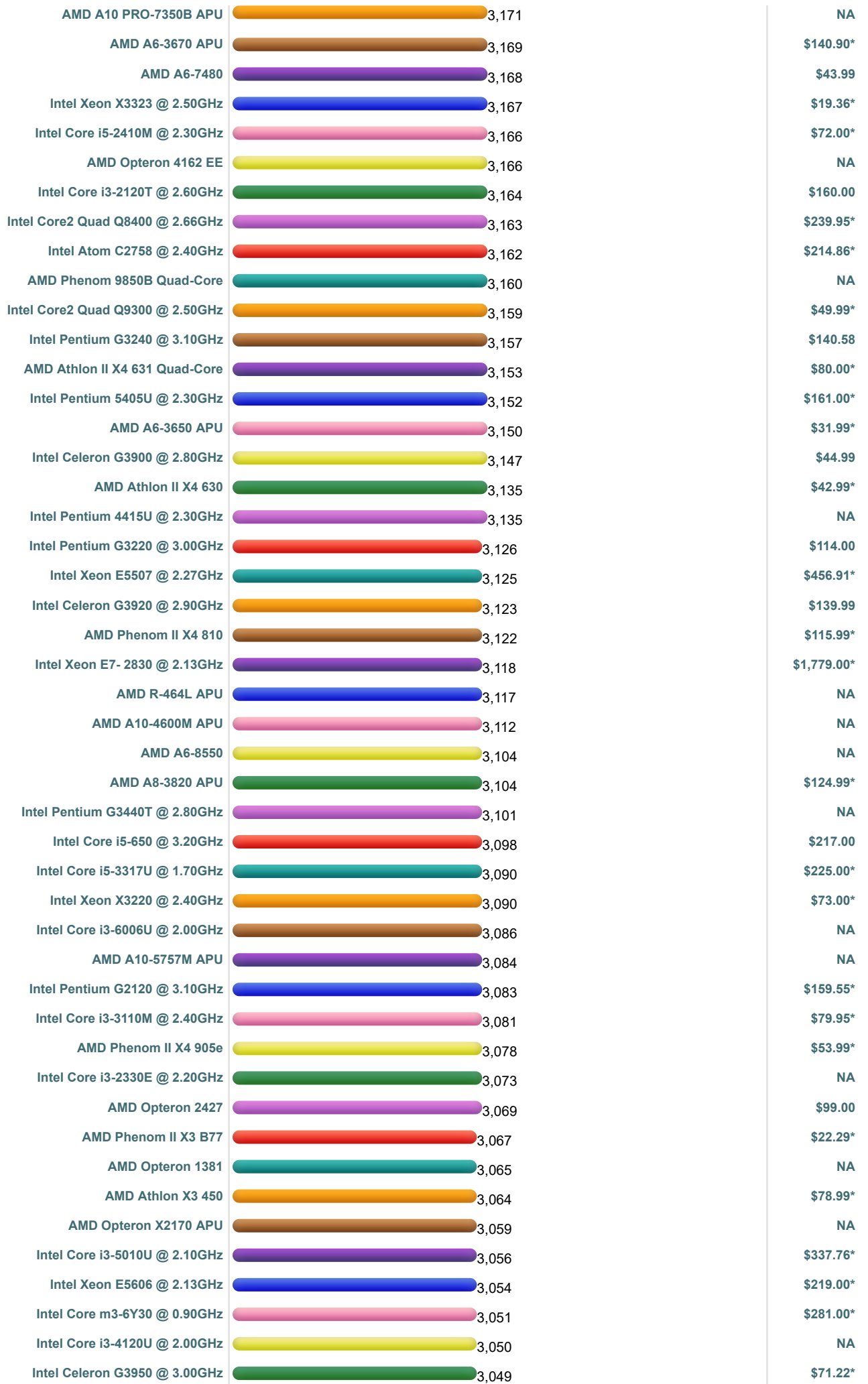


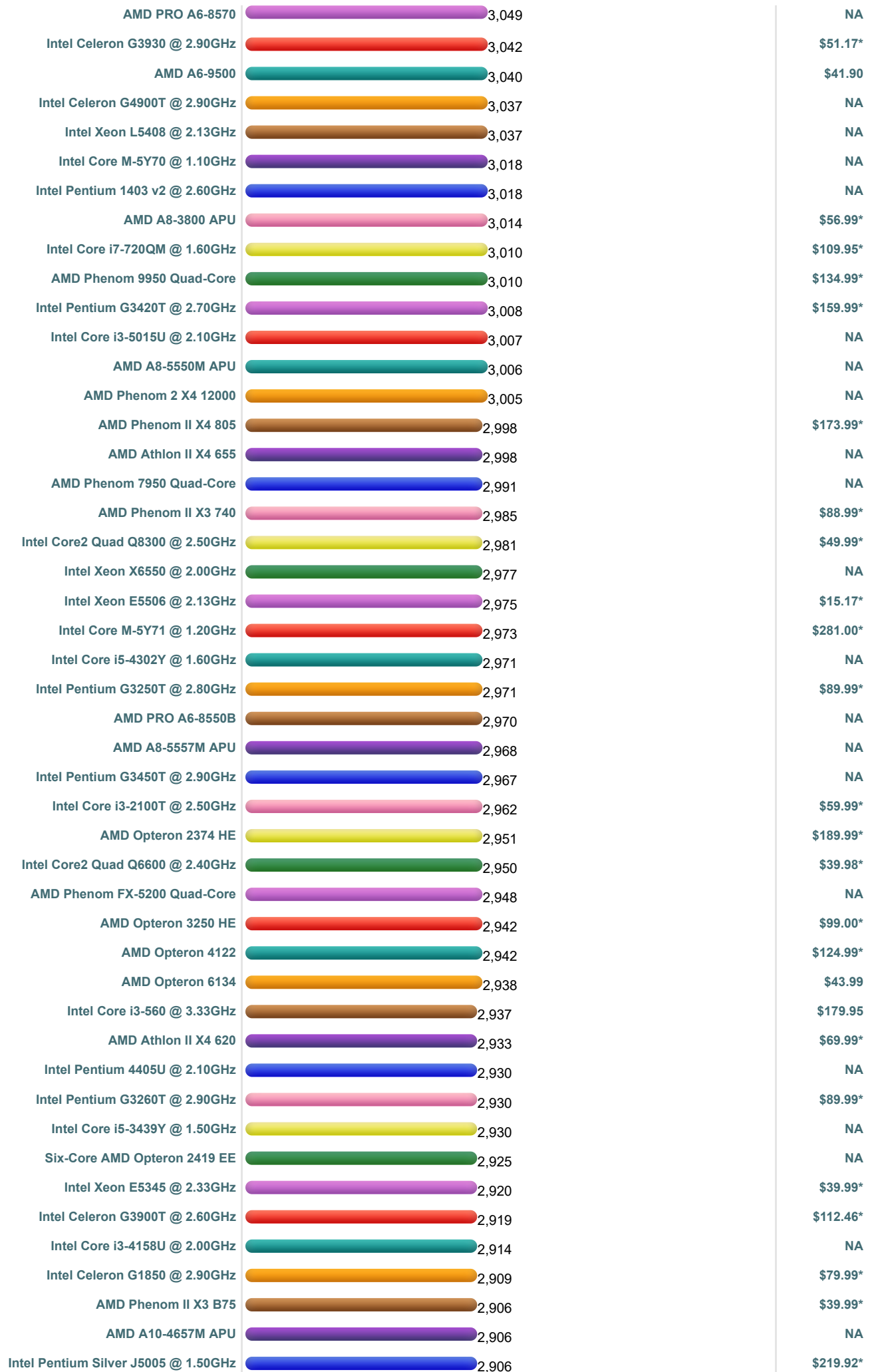


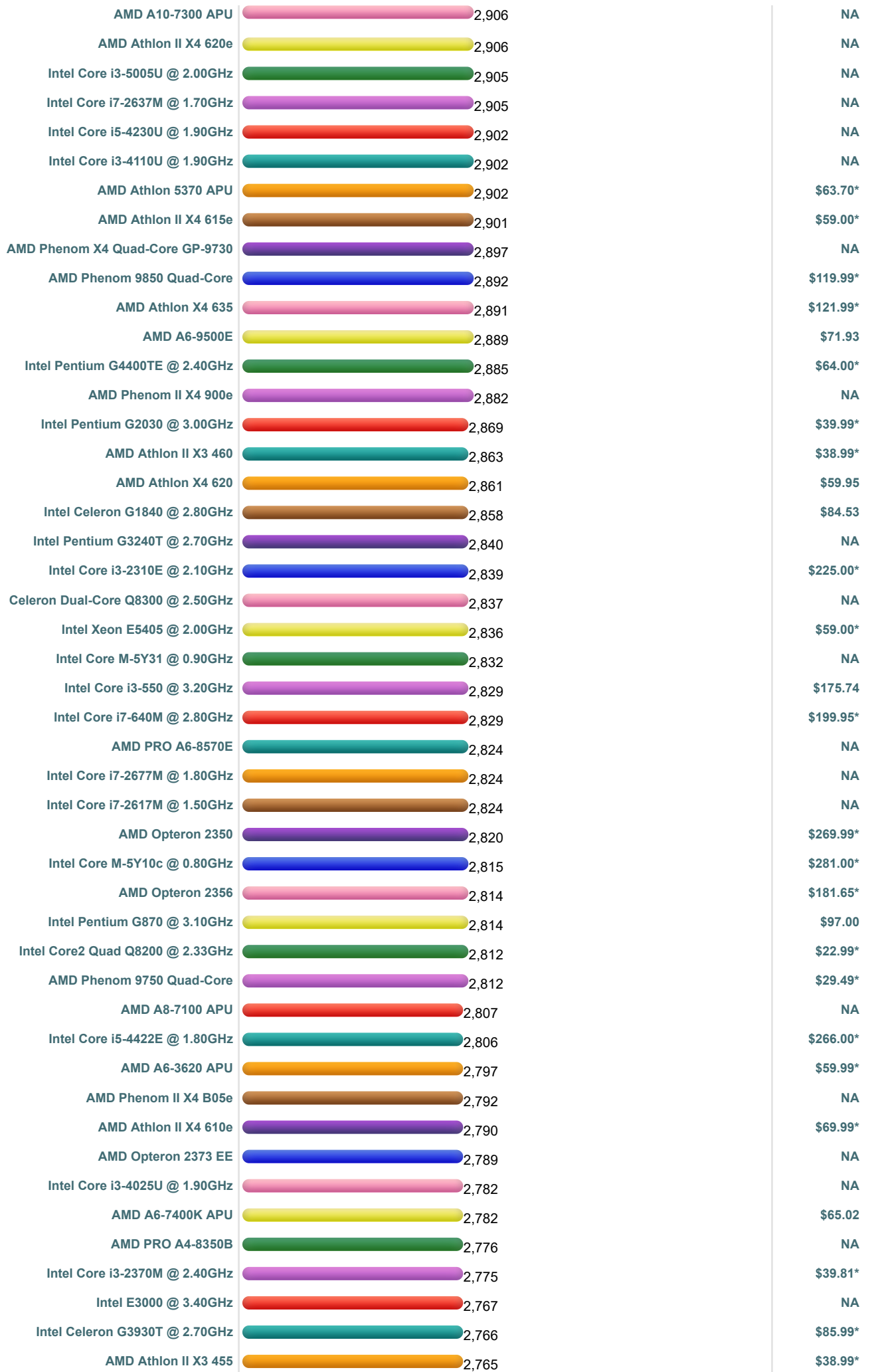


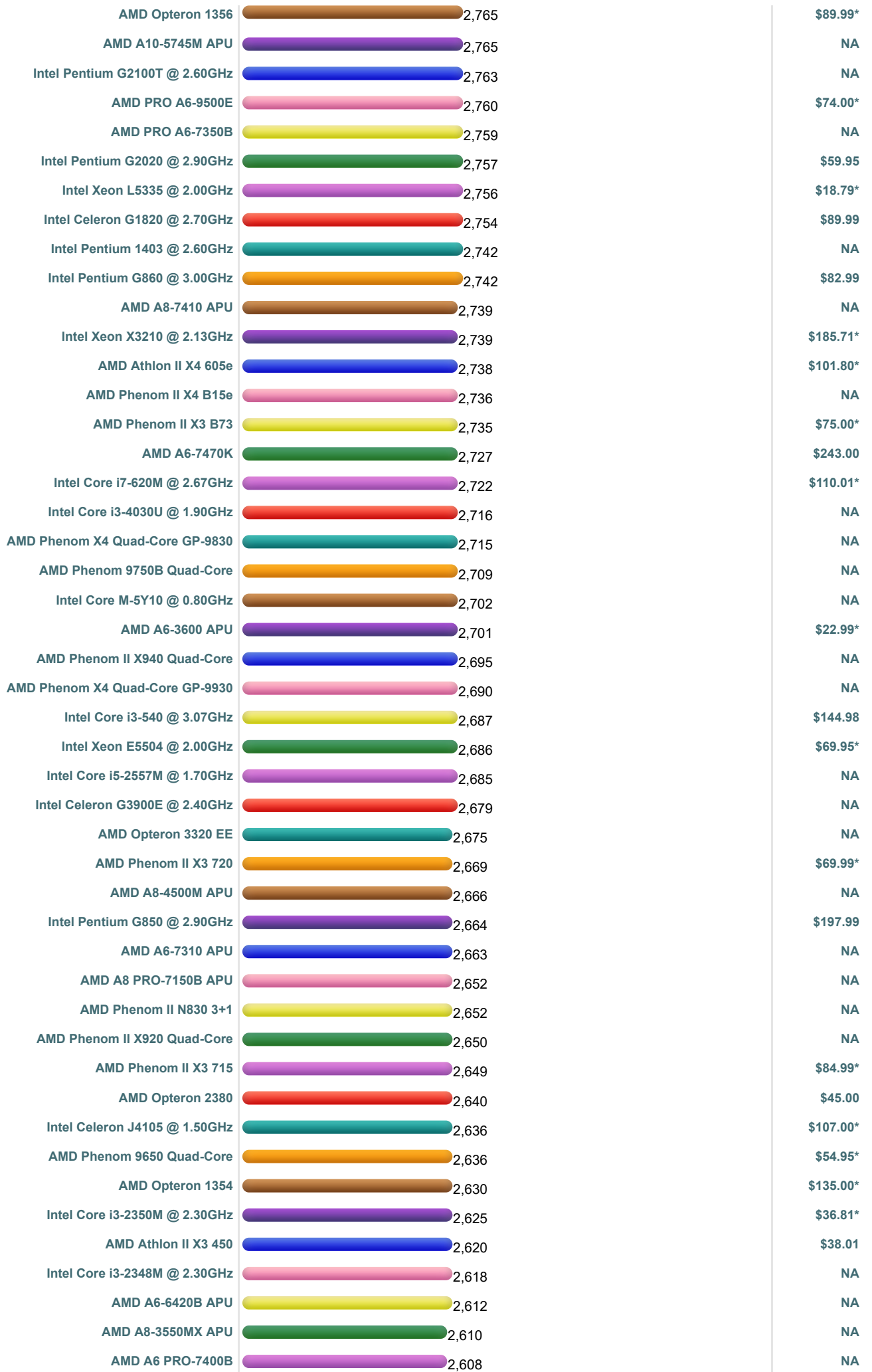


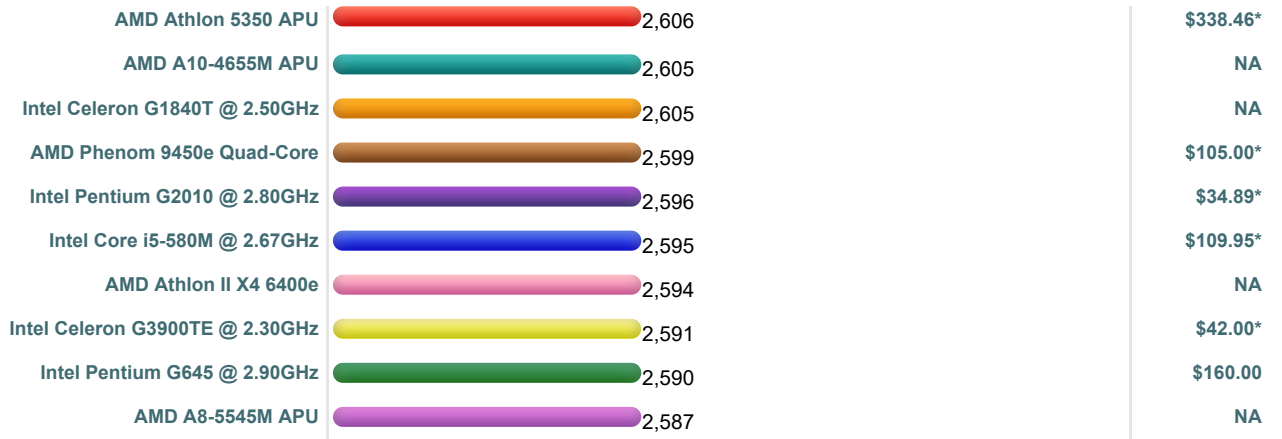










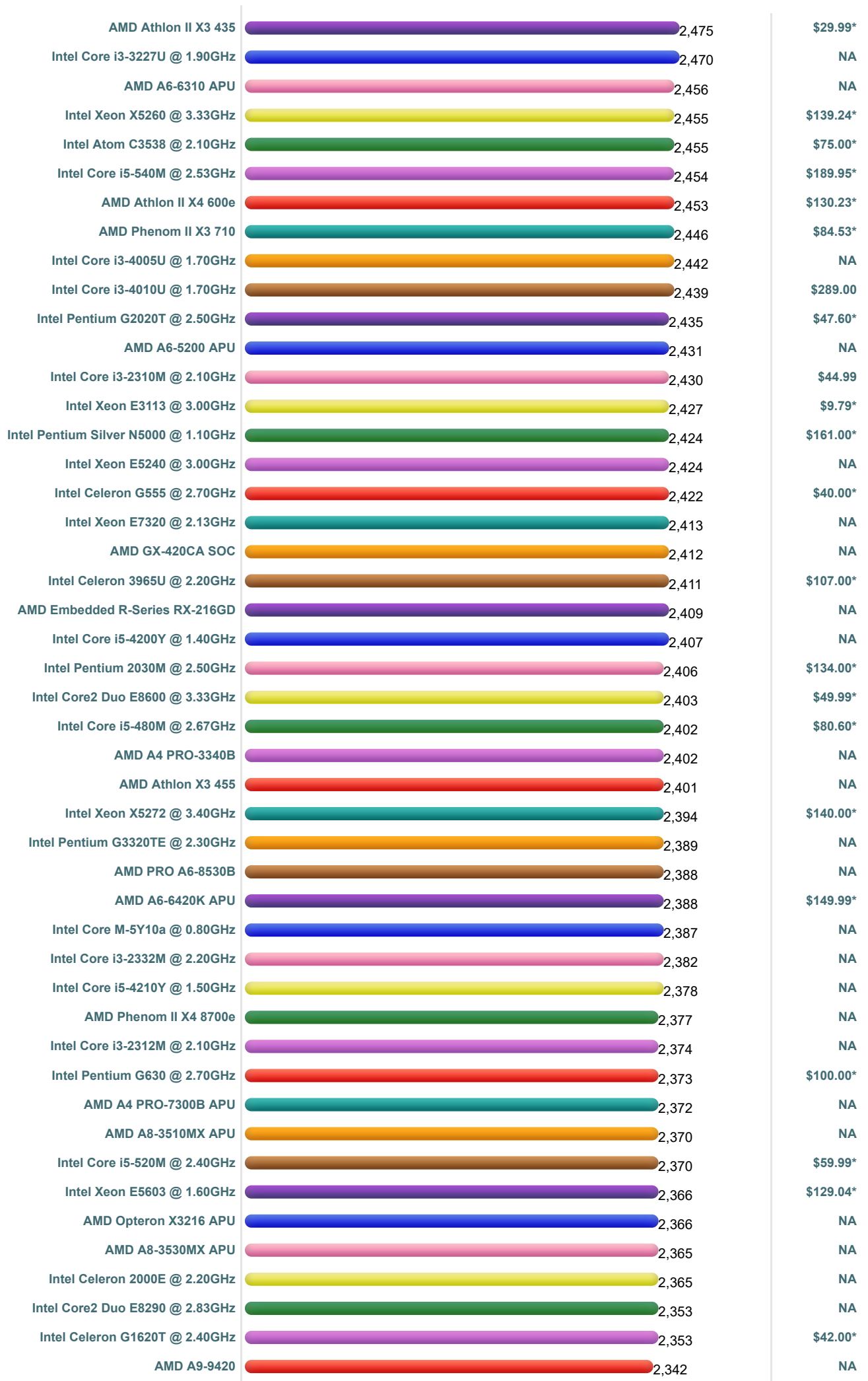


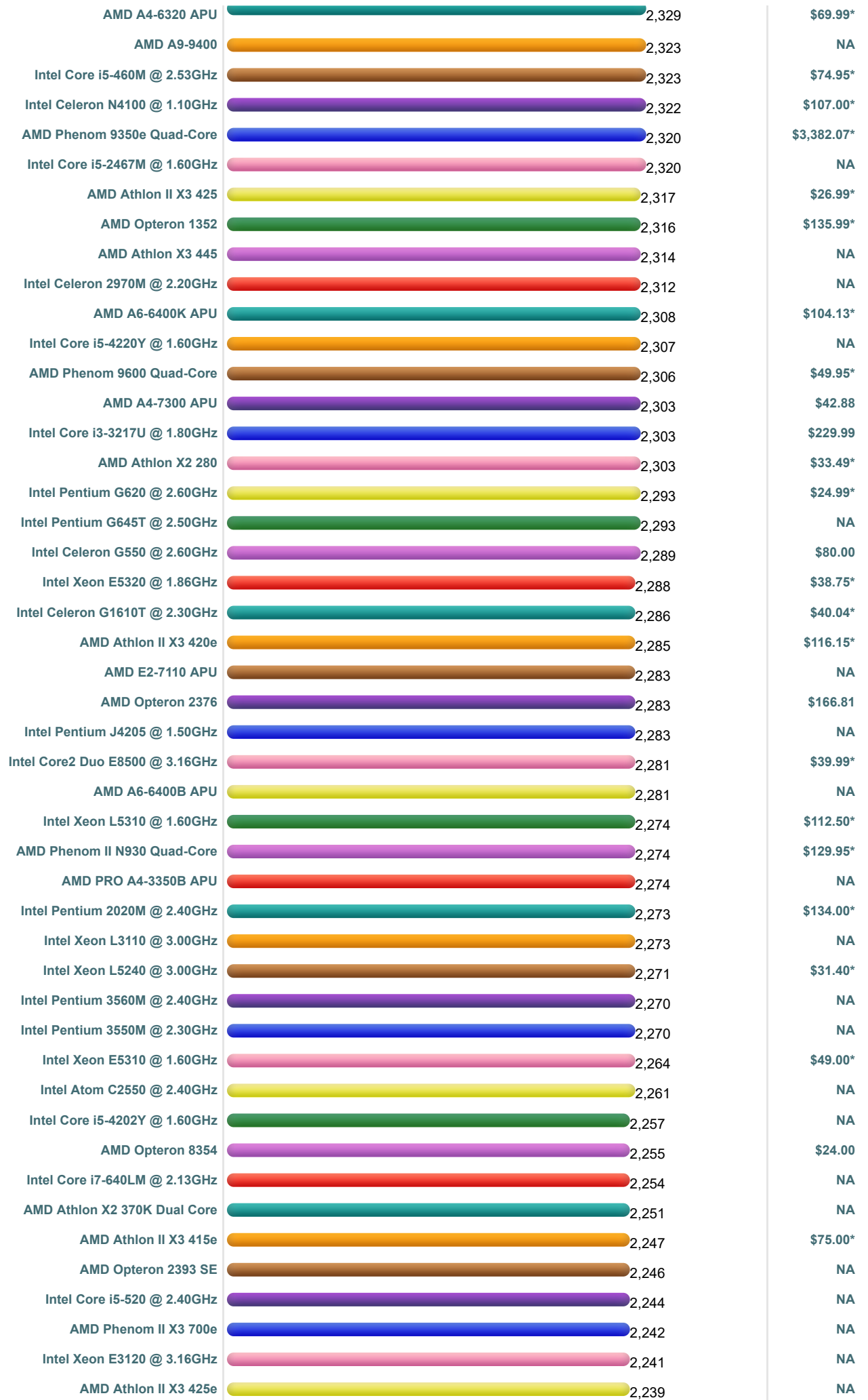
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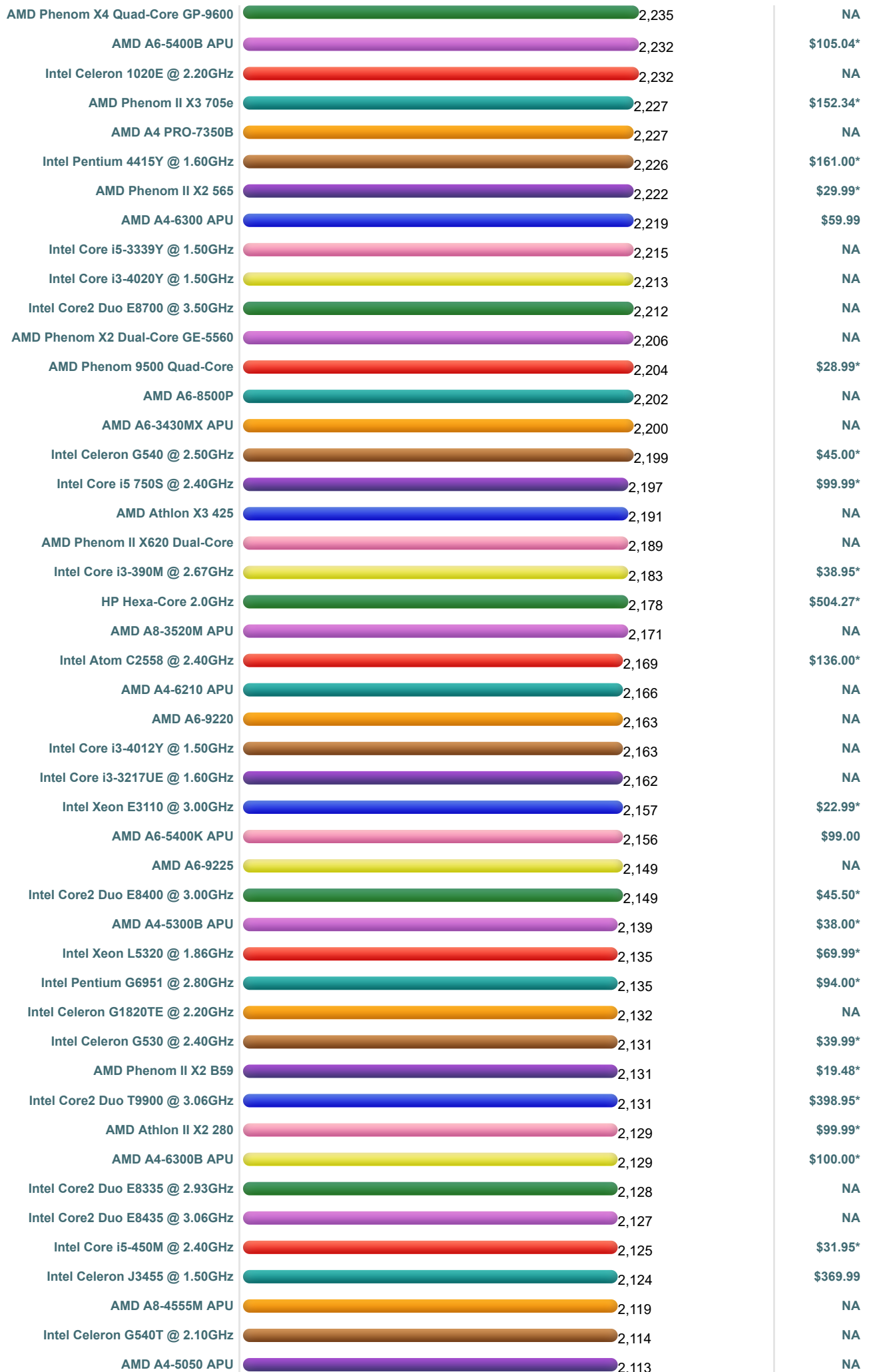
PassMark - CPU Mark

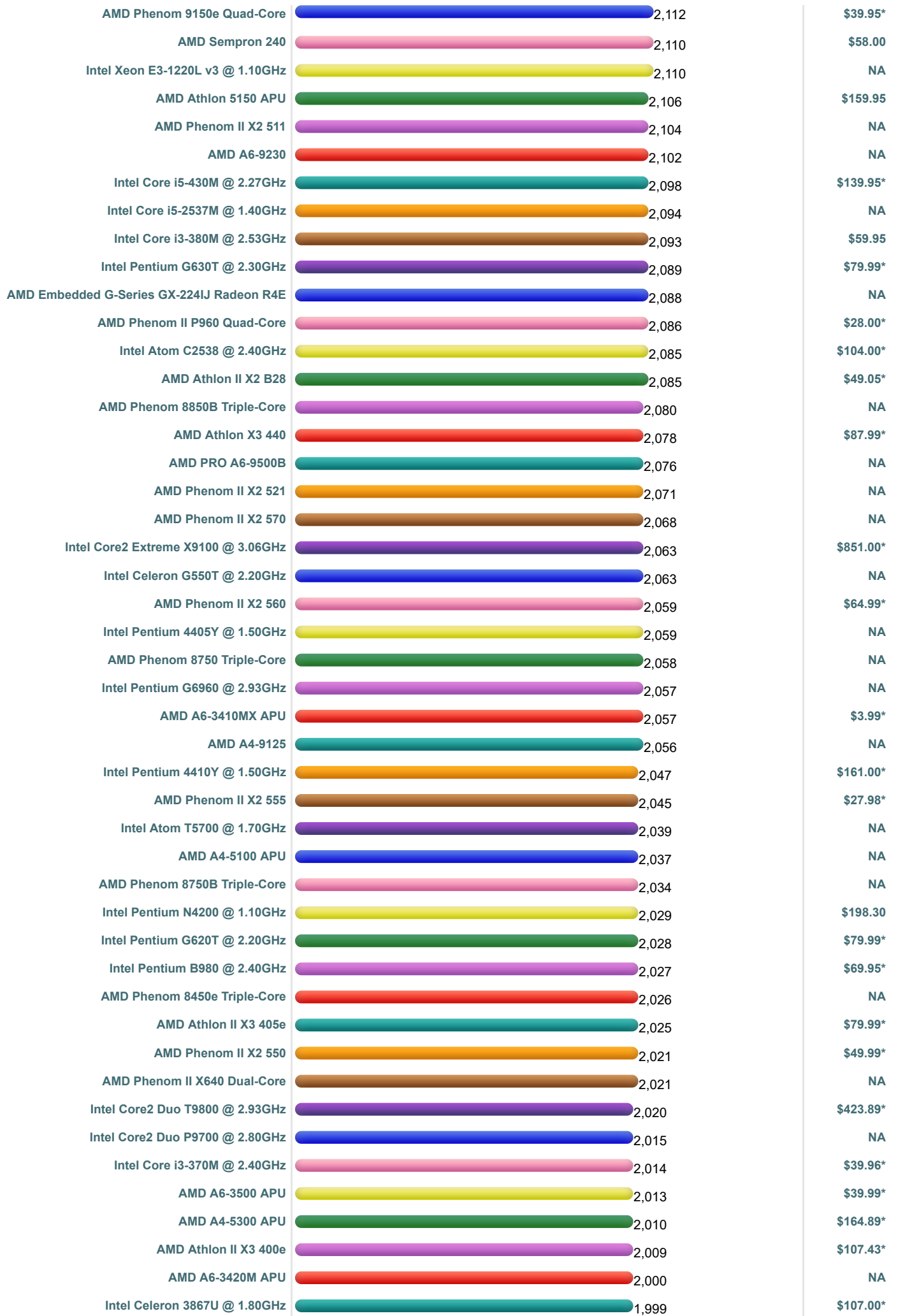
Low Mid Range CPUs - Updated 16th of May 2019

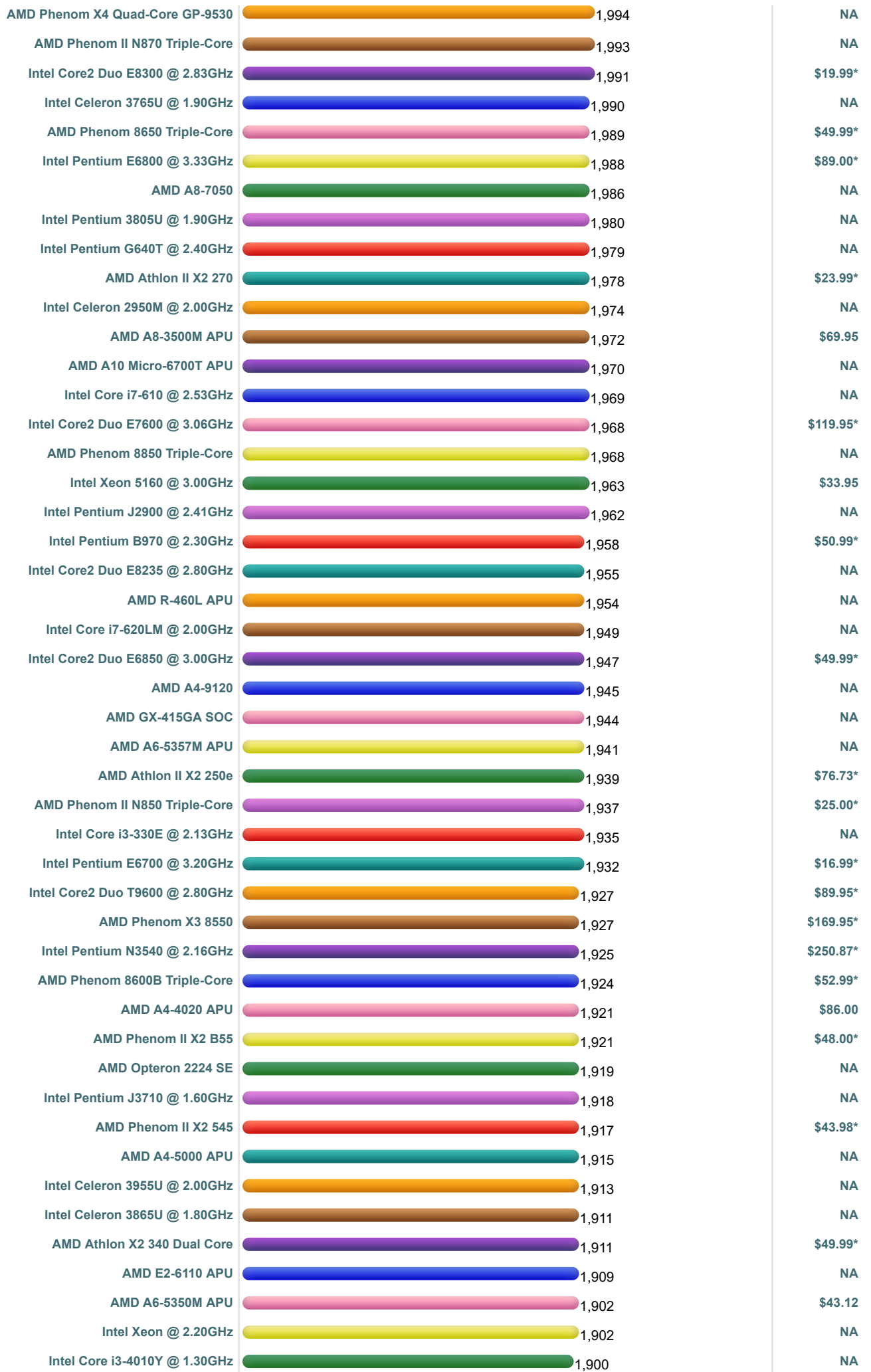
		Price (USD)
Intel Core i7-2630UM @ 1.60GHz	2,584	NA
Intel Core i5-560M @ 2.67GHz	2,580	\$89.97*
Intel Celeron G1620 @ 2.70GHz	2,576	\$153.59*
AMD Athlon II X3 445	2,574	\$91.00*
AMD Athlon X3 435	2,574	\$95.49*
AMD Phenom 9600B Quad-Core	2,573	\$147.19*
Intel Pentium G3220T @ 2.60GHz	2,573	\$69.99*
AMD A8-6410 APU	2,571	NA
Intel Core i3-530 @ 2.93GHz	2,567	\$189.00
AMD Athlon II X3 440	2,565	\$26.99*
Intel Pentium G840 @ 2.80GHz	2,561	\$34.99*
AMD A4-6250J APU	2,556	NA
AMD A9-9410	2,554	NA
Intel Xeon X5270 @ 3.50GHz	2,553	NA
AMD A9-9425	2,550	NA
Intel Core i7-610E @ 2.53GHz	2,544	NA
Intel Celeron G1830 @ 2.80GHz	2,544	\$94.95
AMD Phenom 9550 Quad-Core	2,543	\$28.99*
Intel Core i3-2328M @ 2.20GHz	2,542	\$92.97*
Intel Atom C3558 @ 2.20GHz	2,538	\$86.00*
Intel Pentium G640 @ 2.80GHz	2,525	\$150.00
Intel Core2 Quad Q9000 @ 2.00GHz	2,524	\$389.00*
AMD A9-9430	2,524	NA
Intel Core i3-2330M @ 2.20GHz	2,523	\$170.20*
AMD Phenom II N970 Quad-Core	2,523	\$149.99*
Intel Pentium 3825U @ 1.90GHz	2,518	NA
AMD Phenom FX-5000 Quad-Core	2,517	NA
AMD PRO A6-8500B	2,516	NA
Intel Xeon E5335 @ 2.00GHz	2,513	\$17.77*
AMD A4-7210 APU	2,511	NA
Intel Core i3-4030Y @ 1.60GHz	2,507	NA
Intel Celeron G1820T @ 2.40GHz	2,505	\$42.00*
AMD Athlon X4 605e	2,505	NA
Pentium Dual-Core E6000 @ 3.46GHz	2,501	NA
Intel Core i5-4300Y @ 1.60GHz	2,499	NA
Intel Celeron G1630 @ 2.80GHz	2,493	\$49.99*
AMD GX-424CC SOC	2,491	NA
Intel Celeron G1610 @ 2.60GHz	2,489	\$299.95
Intel Pentium G2030T @ 2.60GHz	2,487	\$64.00*
Intel Core i5 E 520 @ 2.40GHz	2,486	NA
AMD Phenom II N950 Quad-Core	2,485	\$112.60*
AMD Embedded G-Series GX-420GI Radeon R7E	2,483	NA
Intel Core i7-2610UE @ 1.50GHz	2,481	NA
Intel Core M-5Y51 @ 1.10GHz	2,477	NA

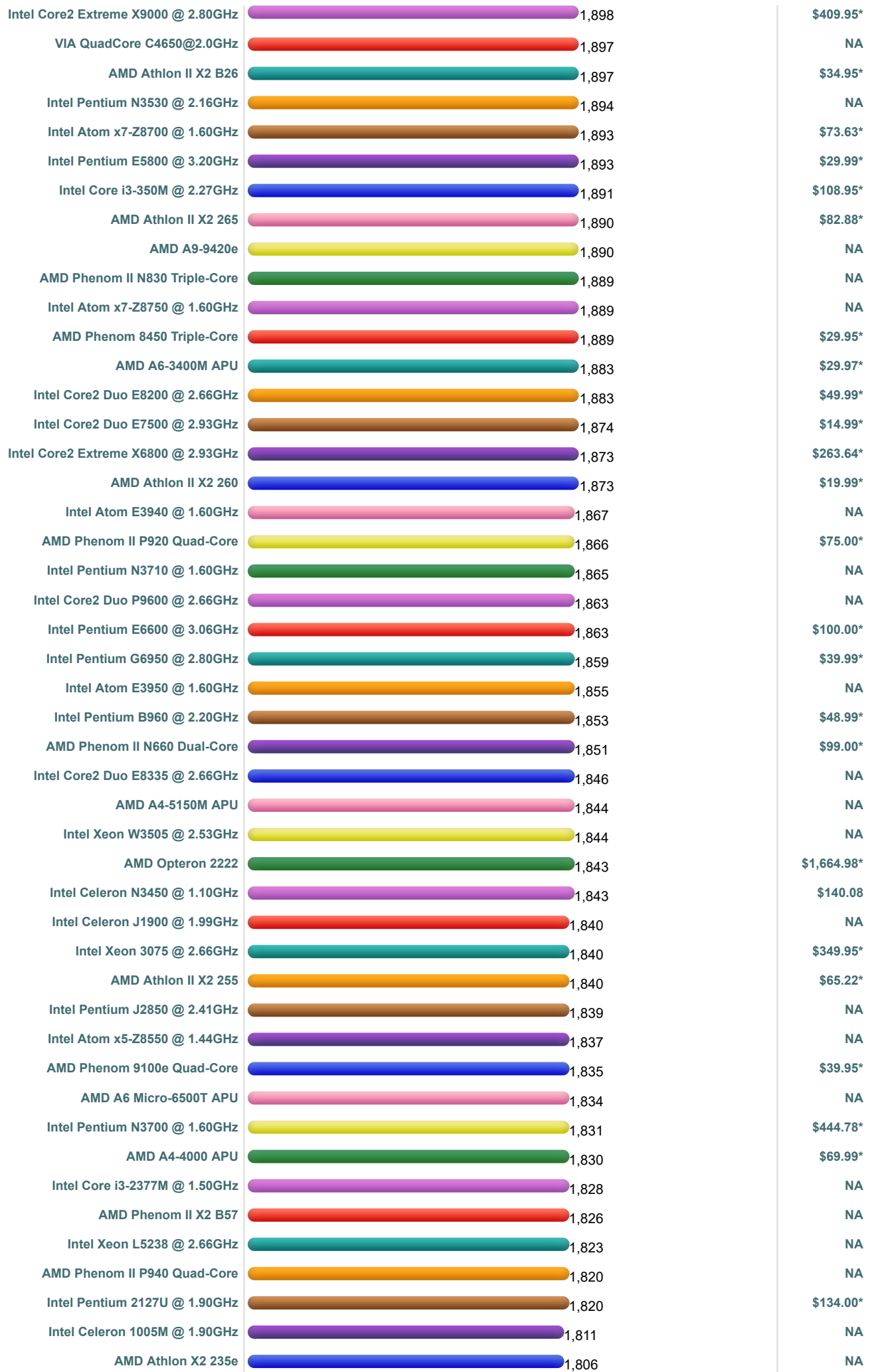


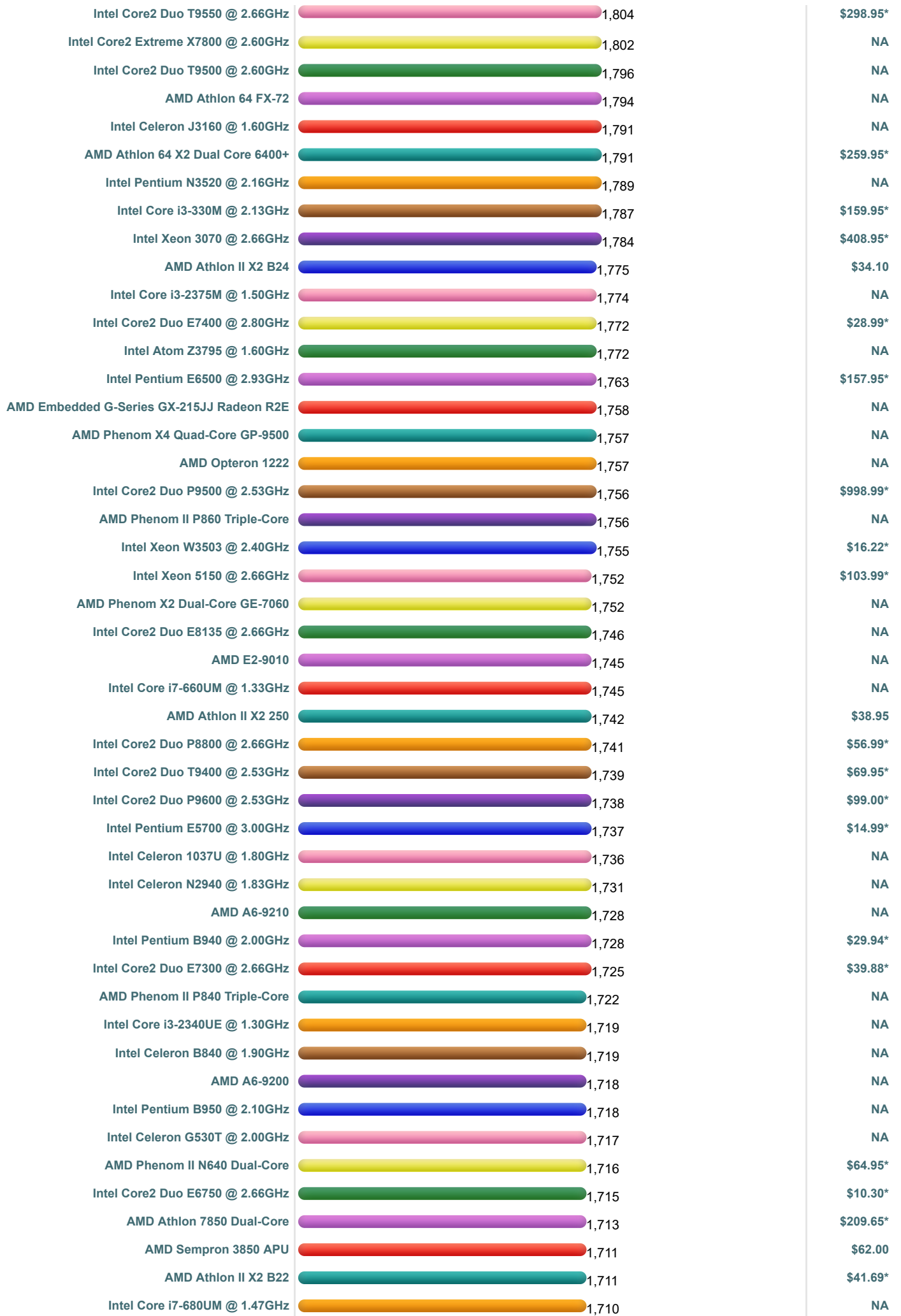


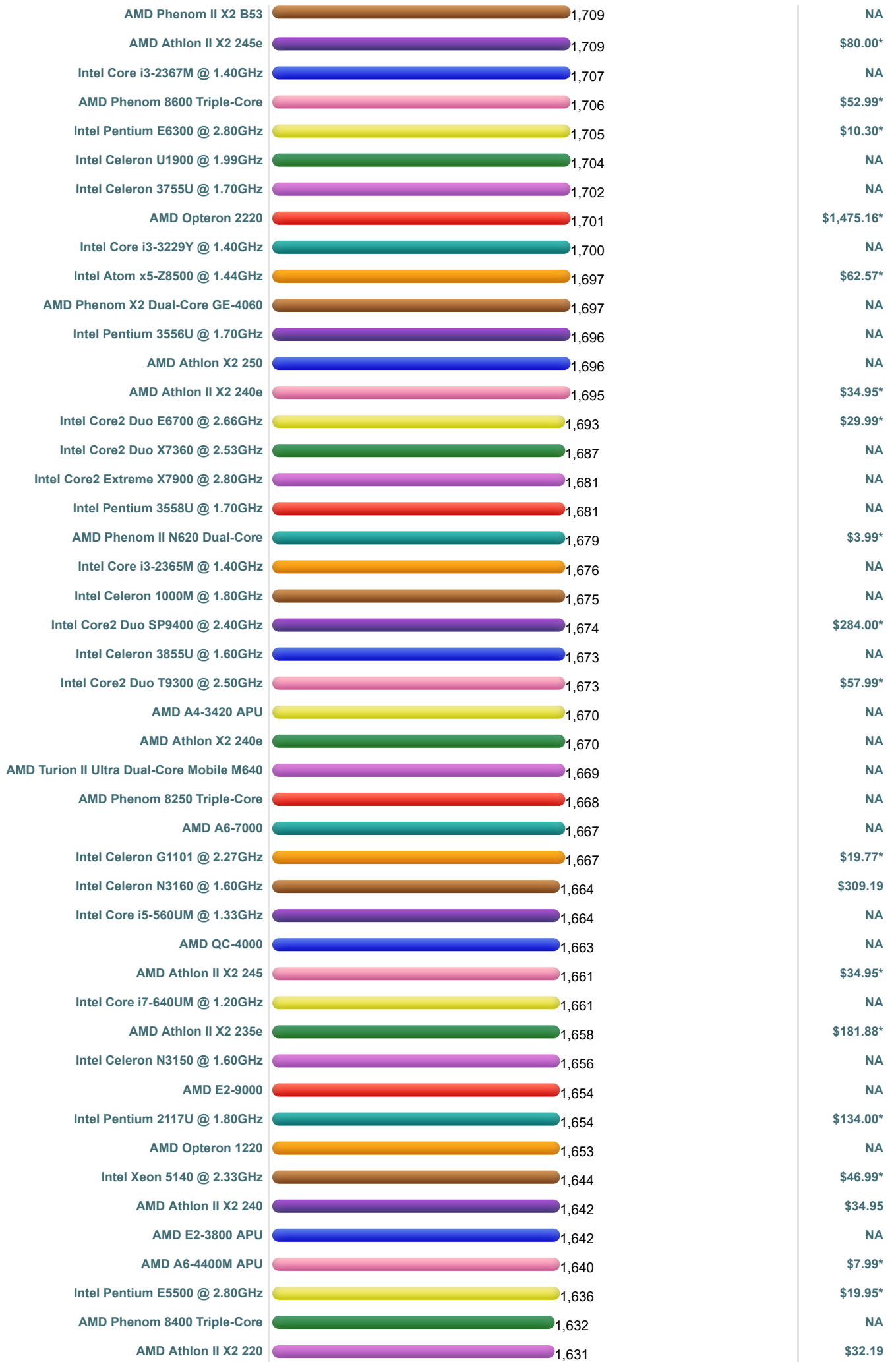


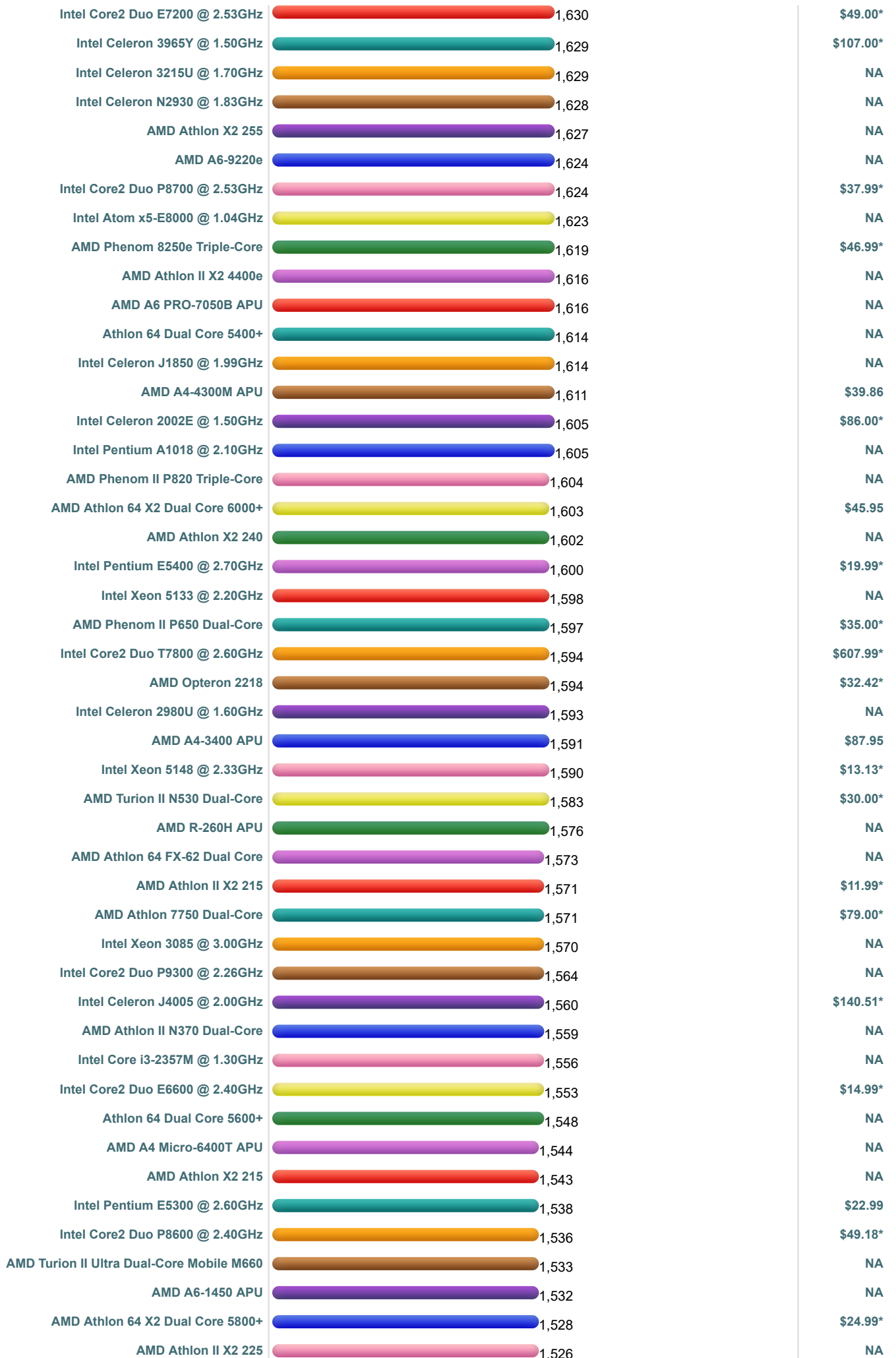


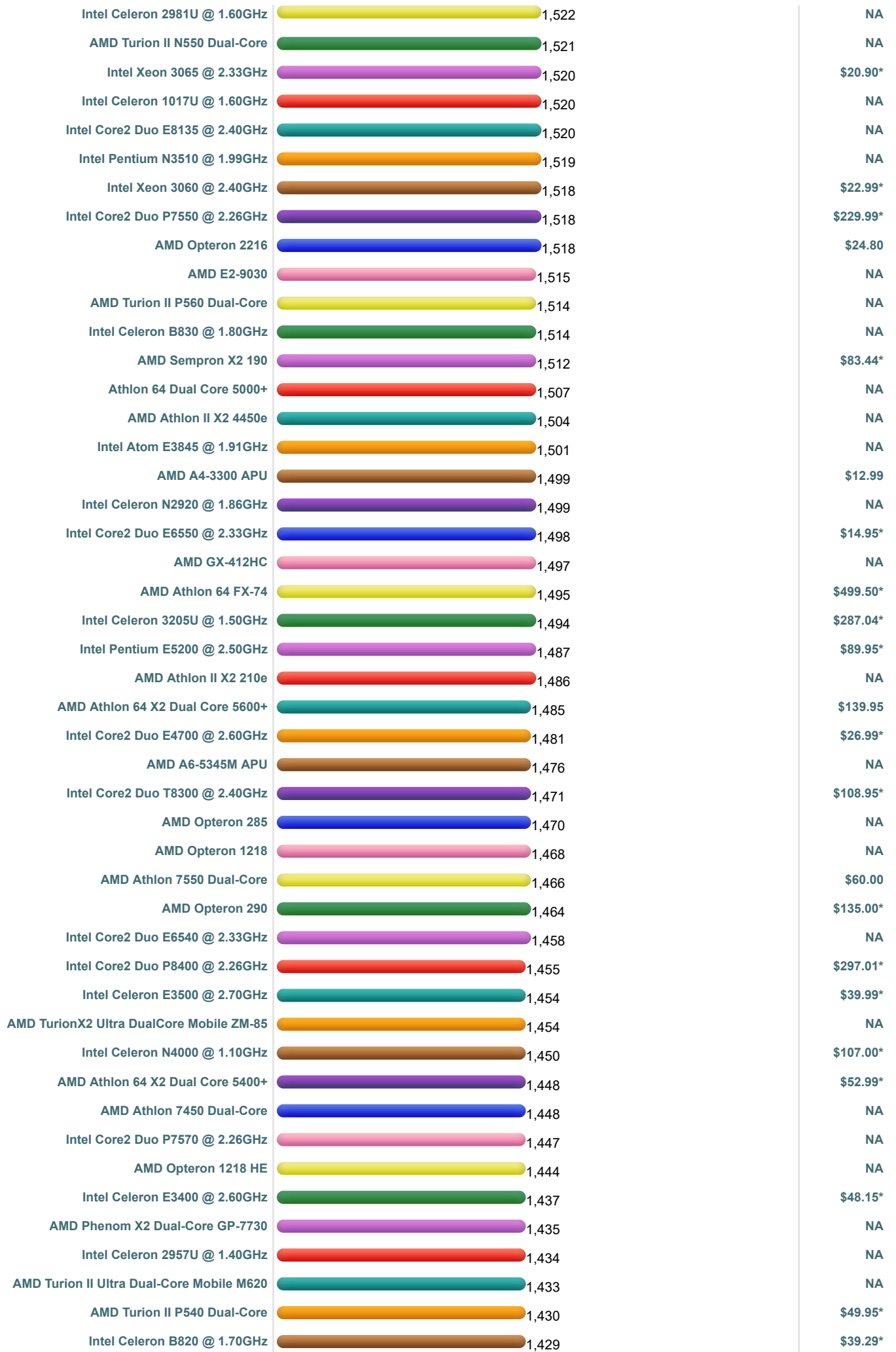


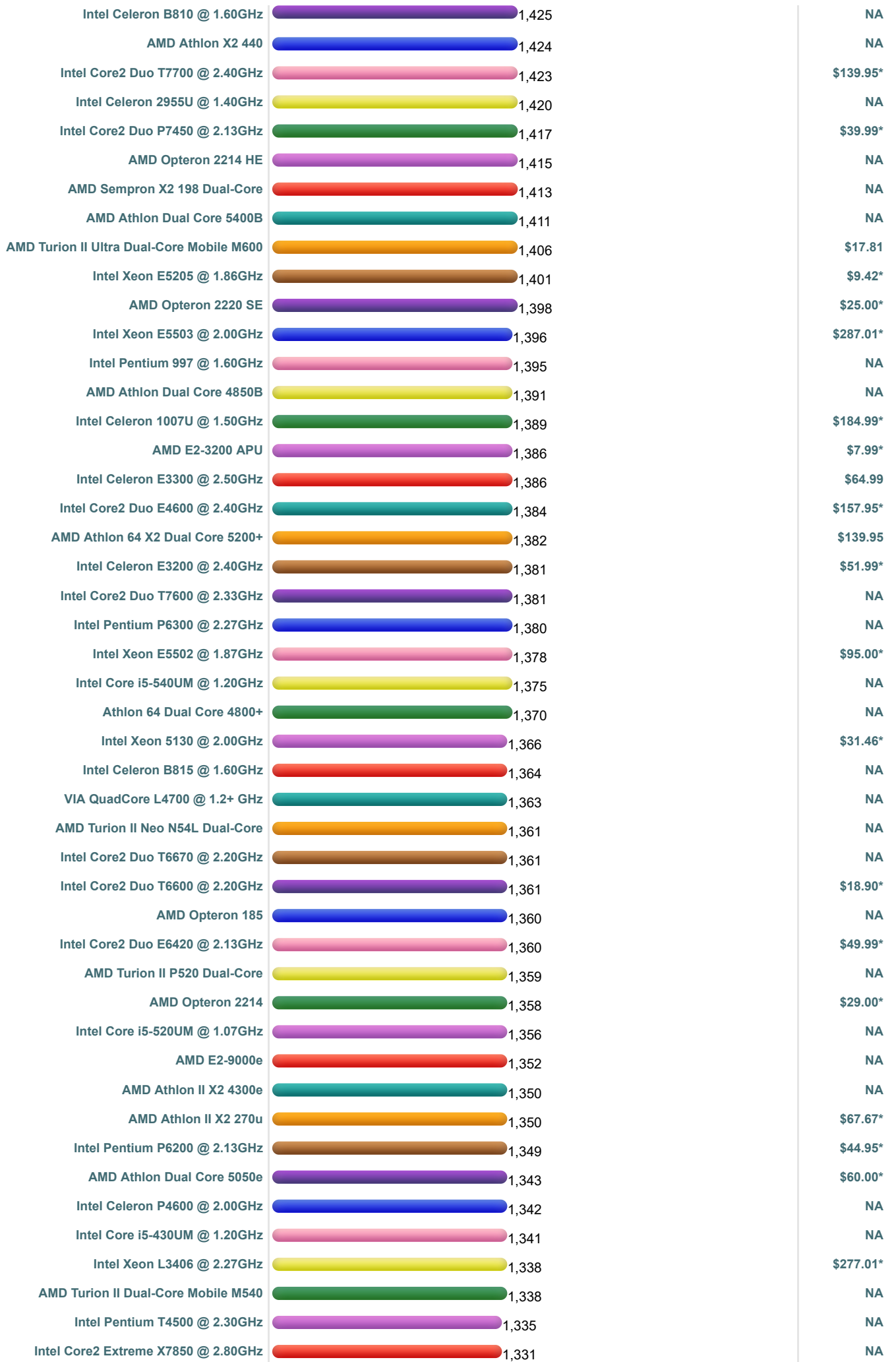


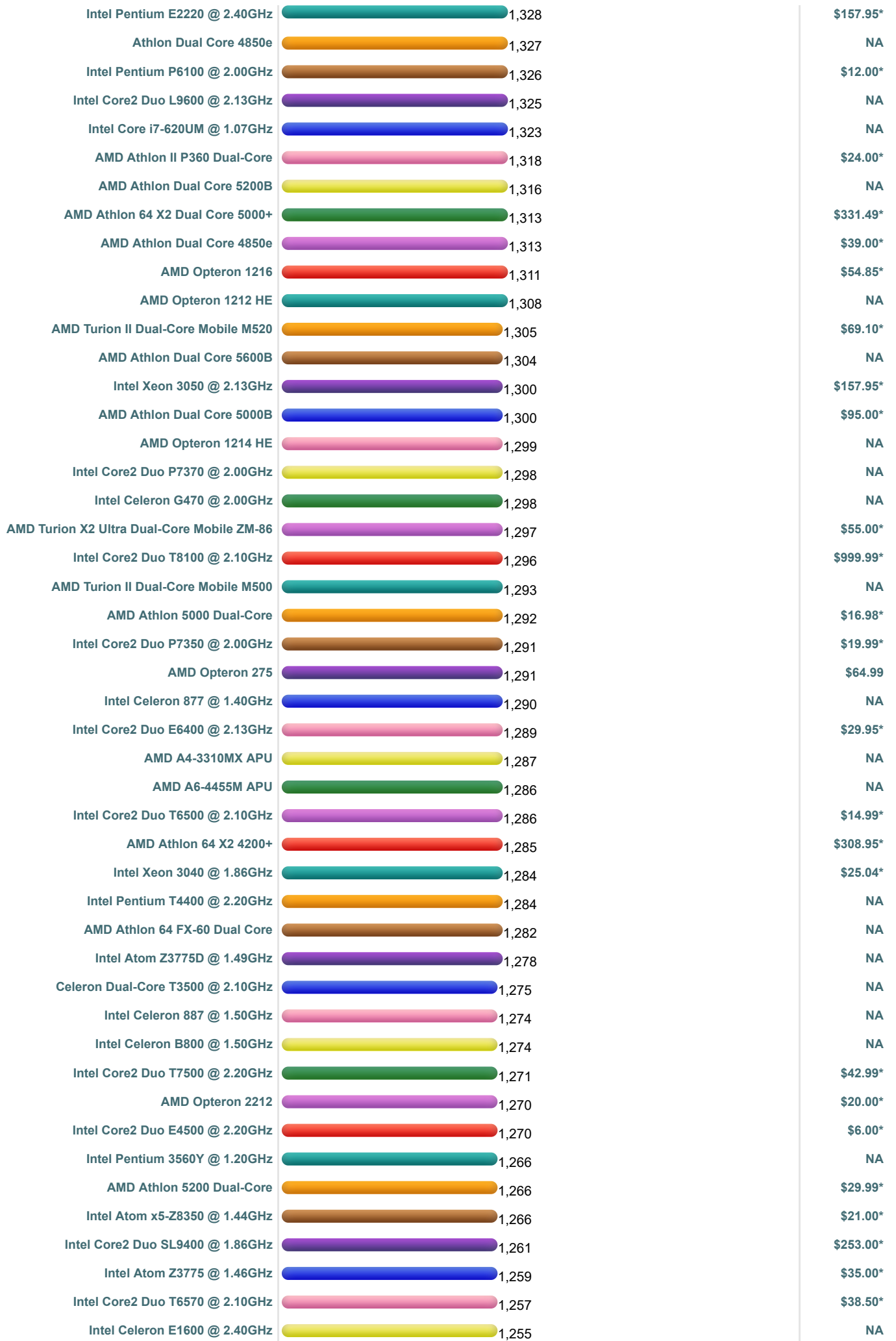


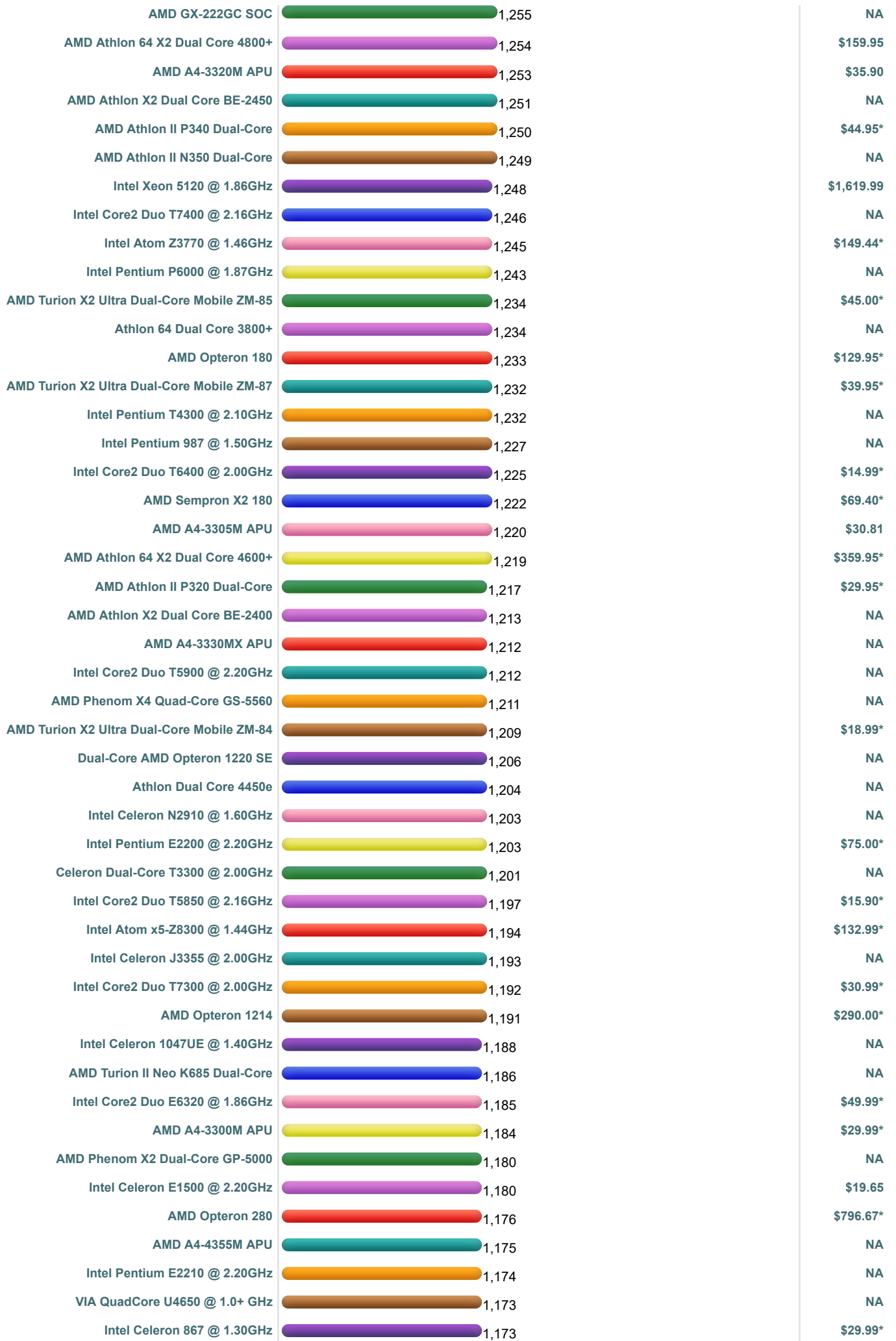


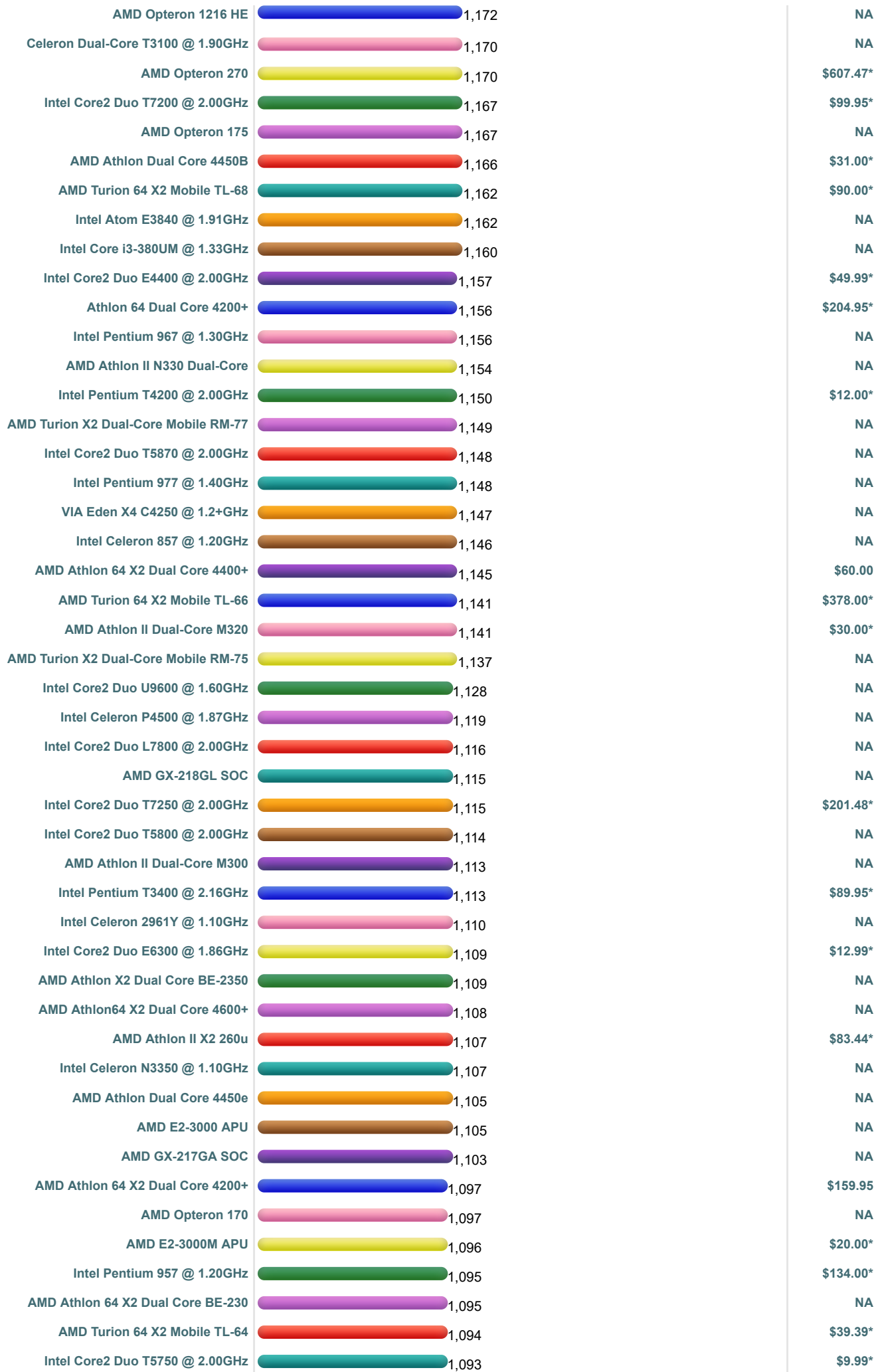




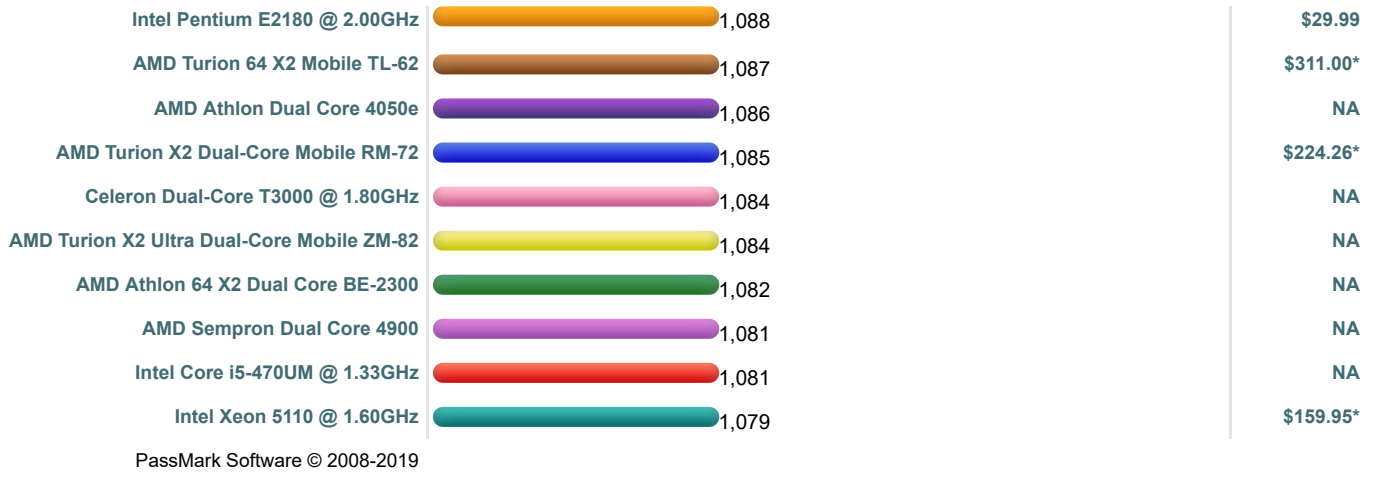






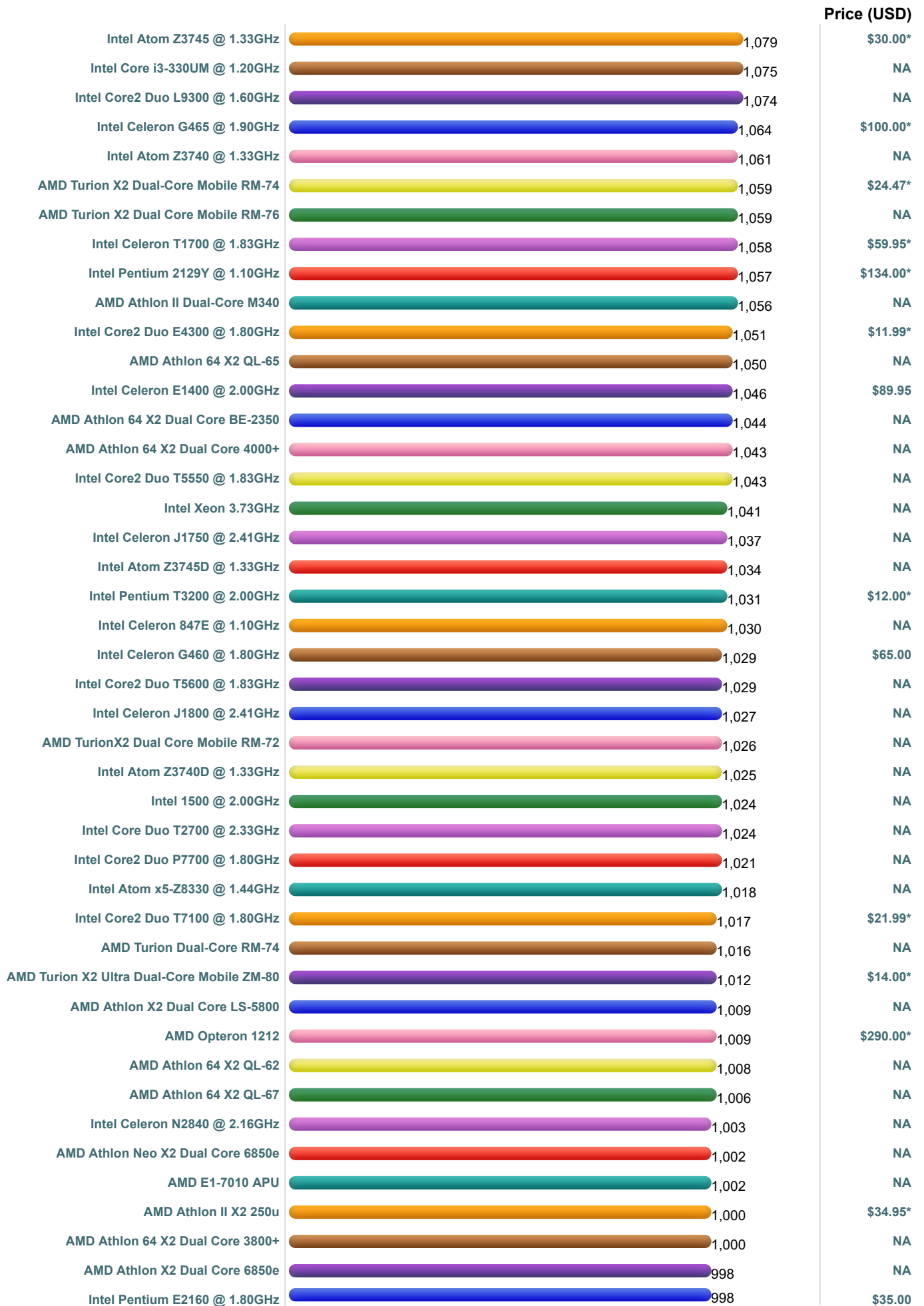


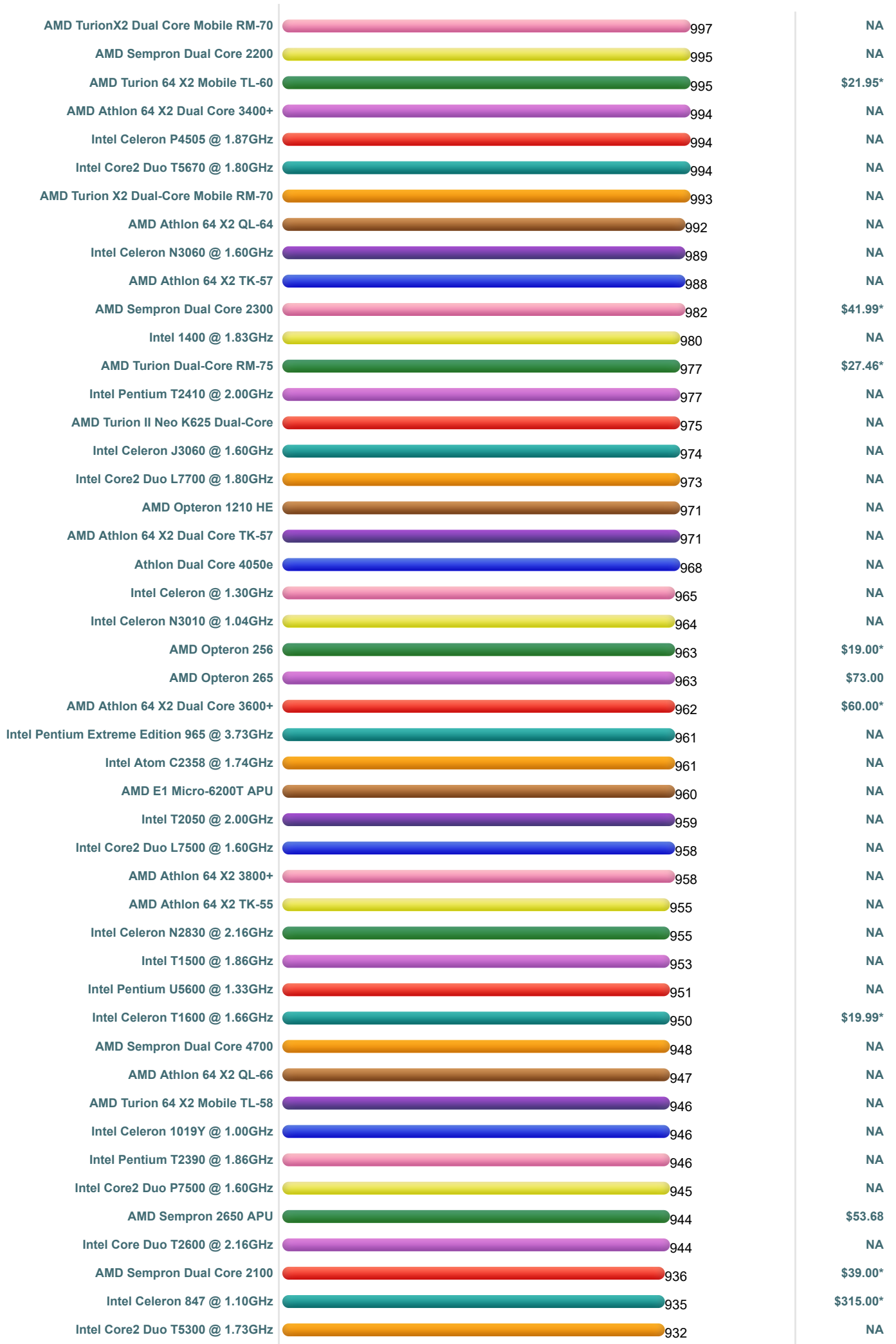
PassMark CPU Benchmarks - Low Mid Range CPUs

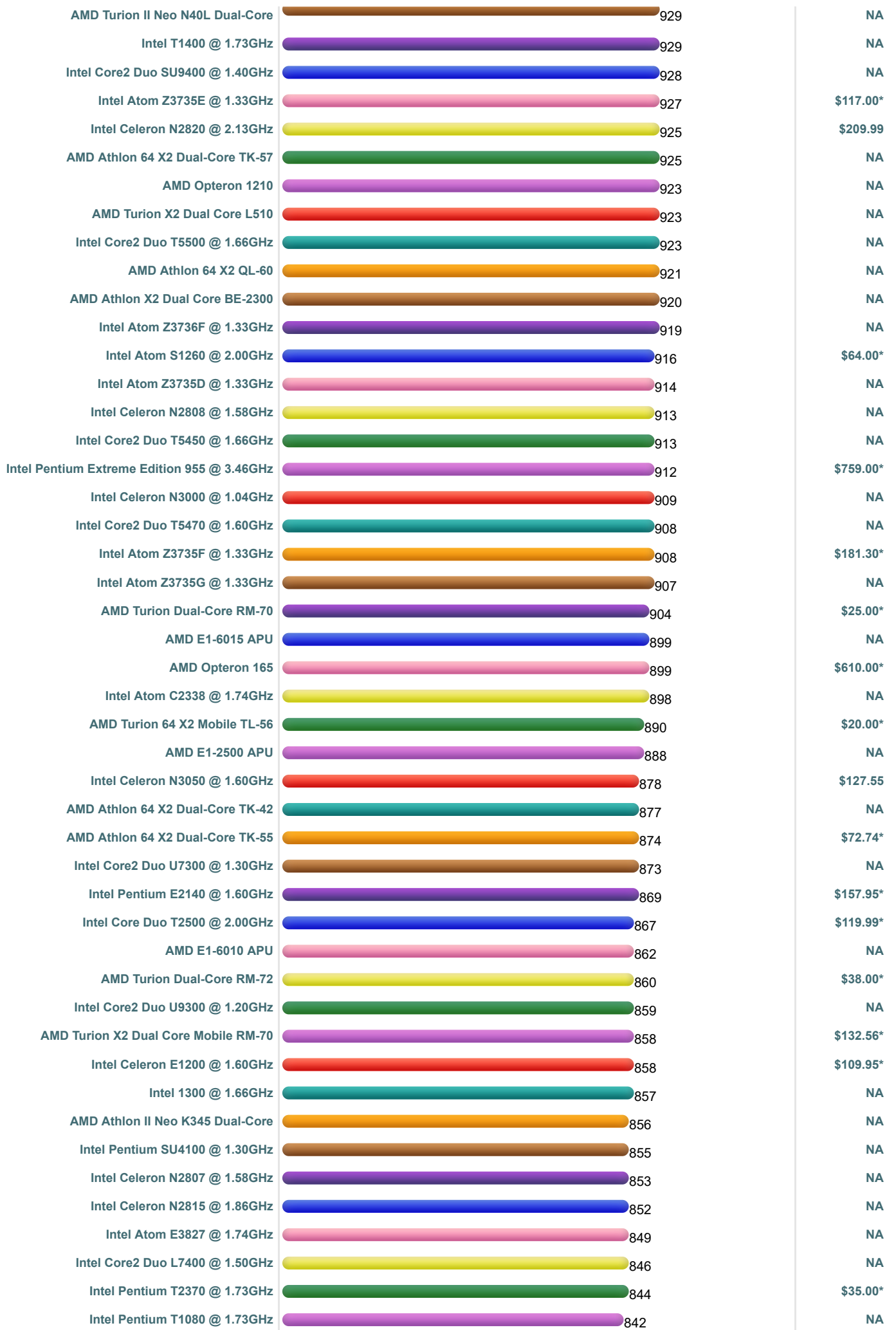


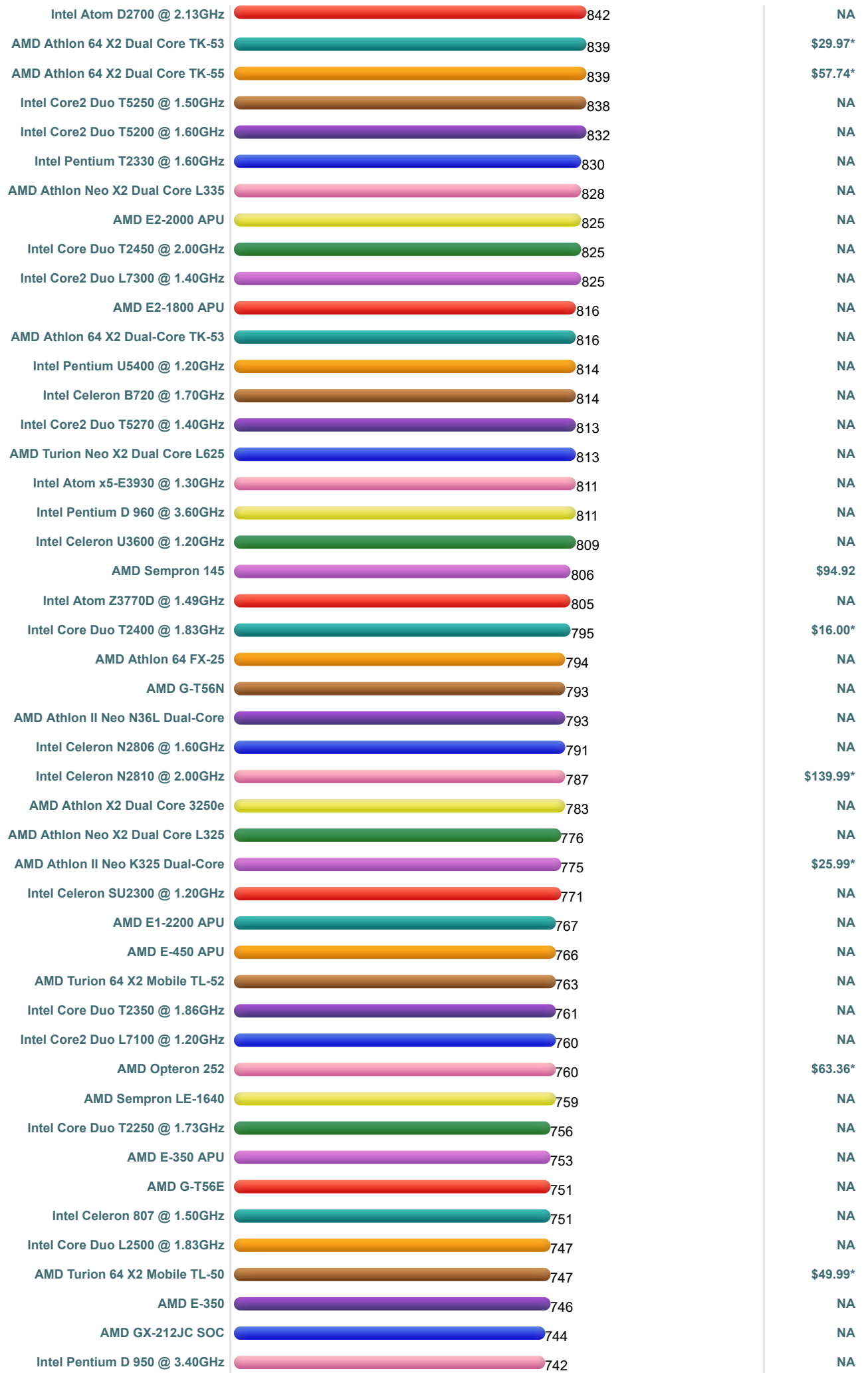
PassMark - CPU Mark

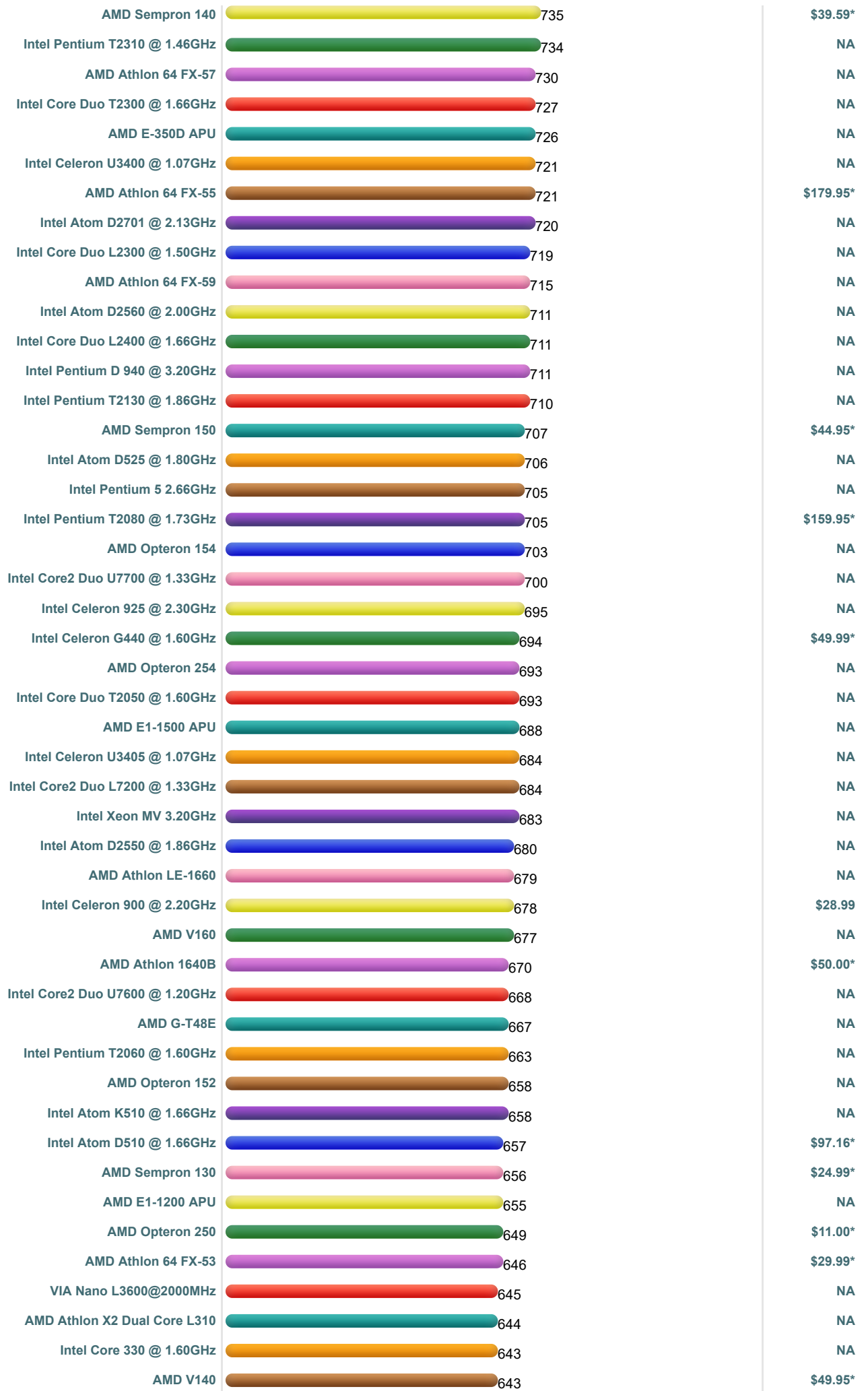
Low End CPUs - Updated 16th of May 2019

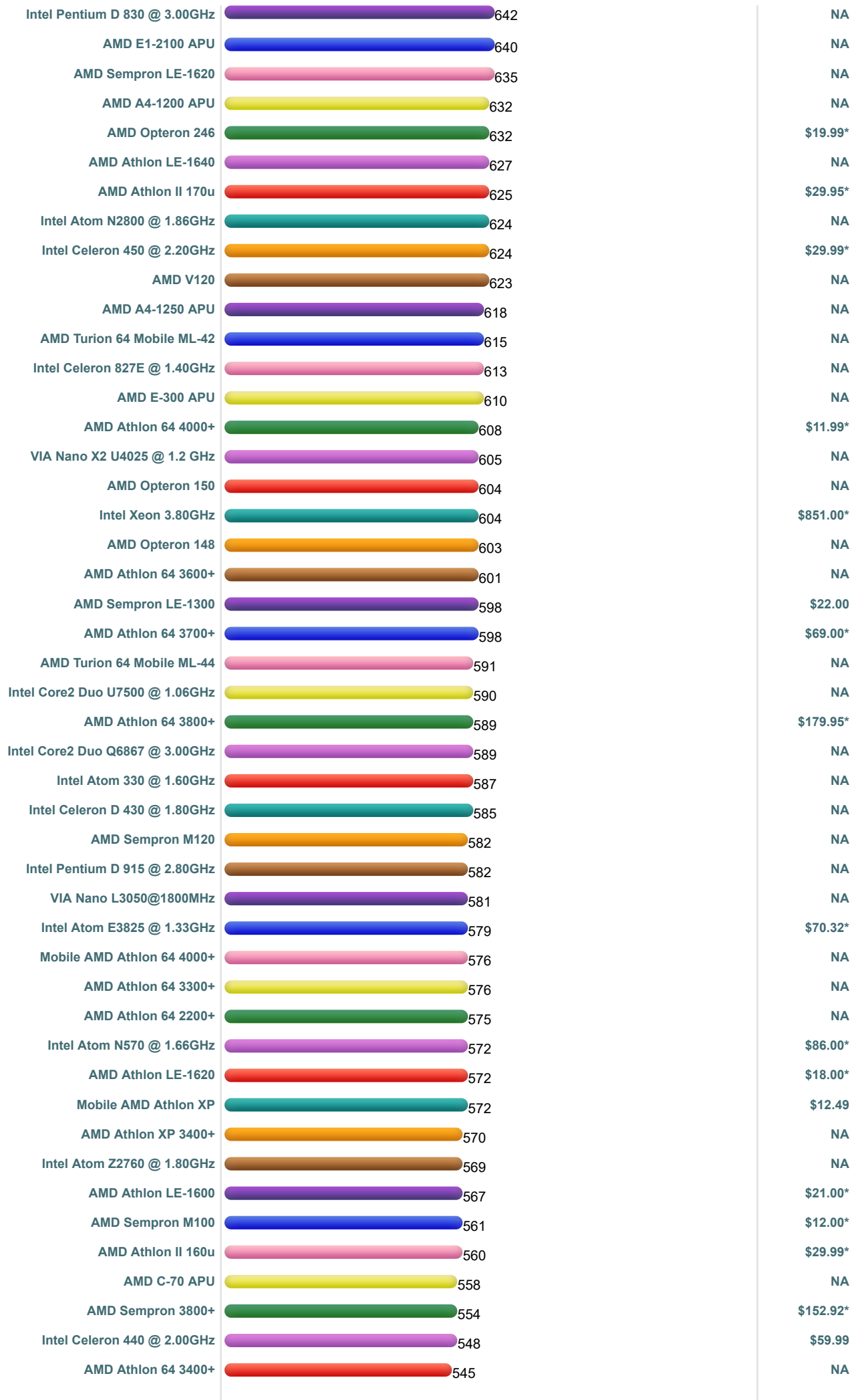


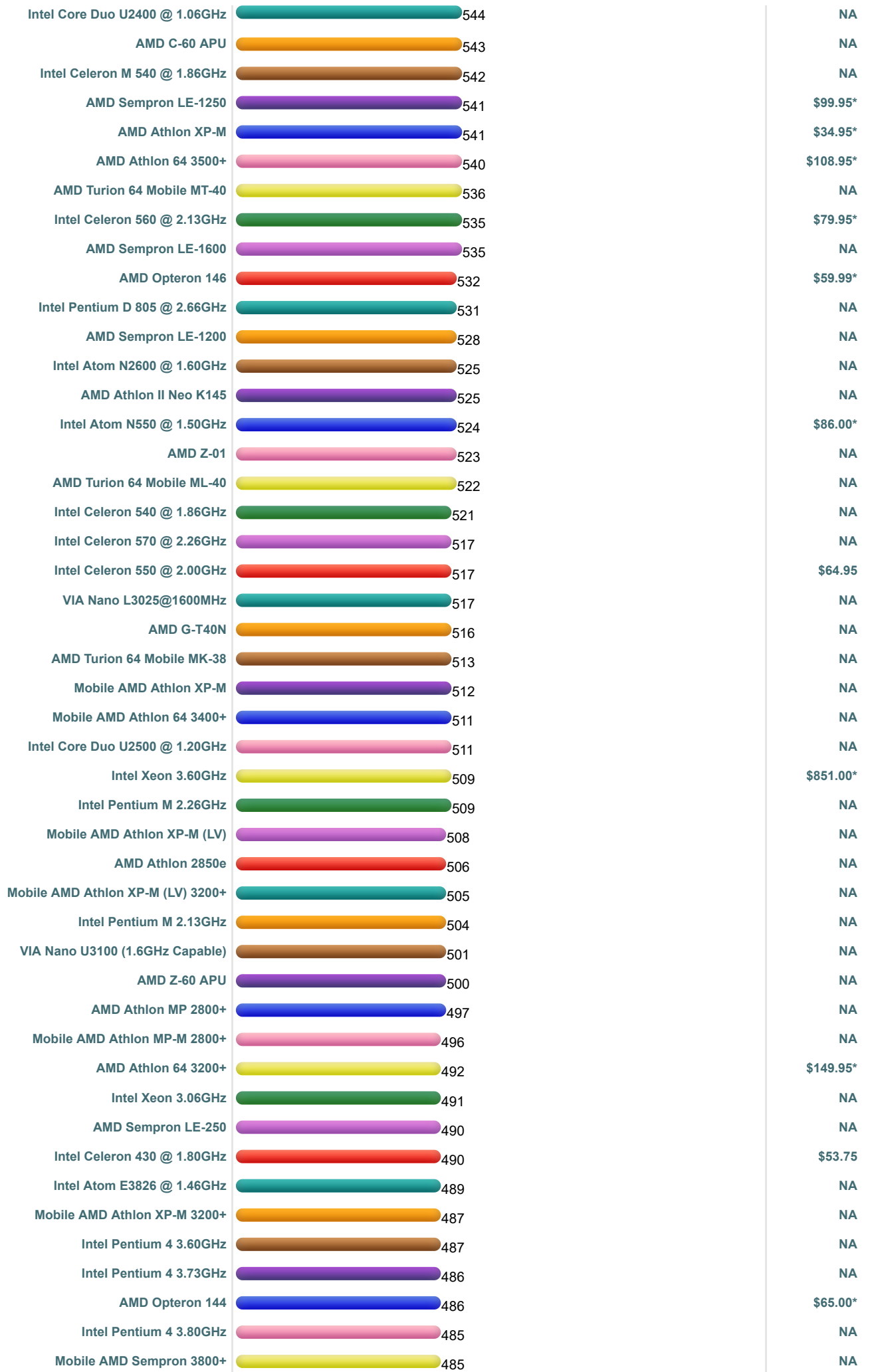


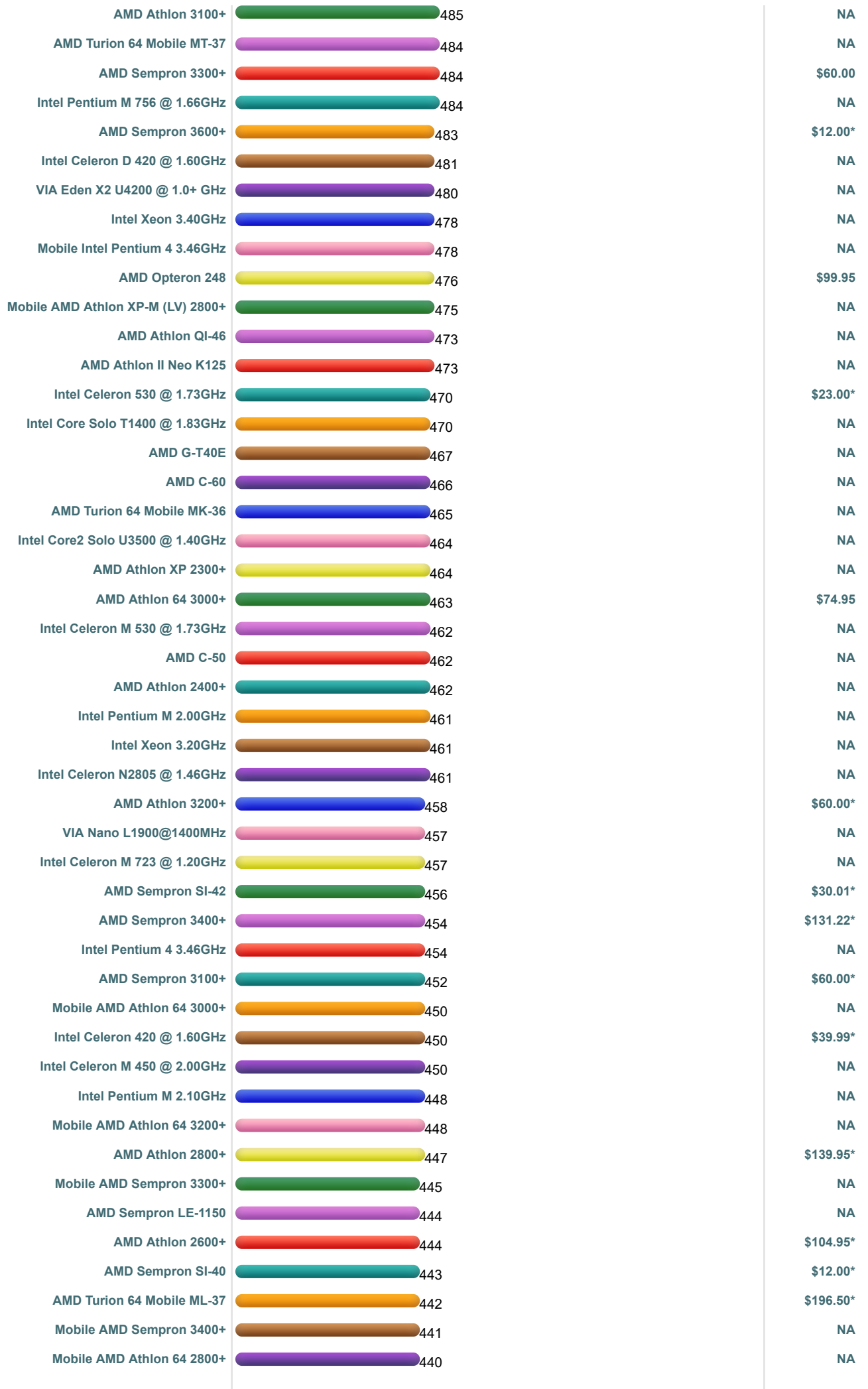


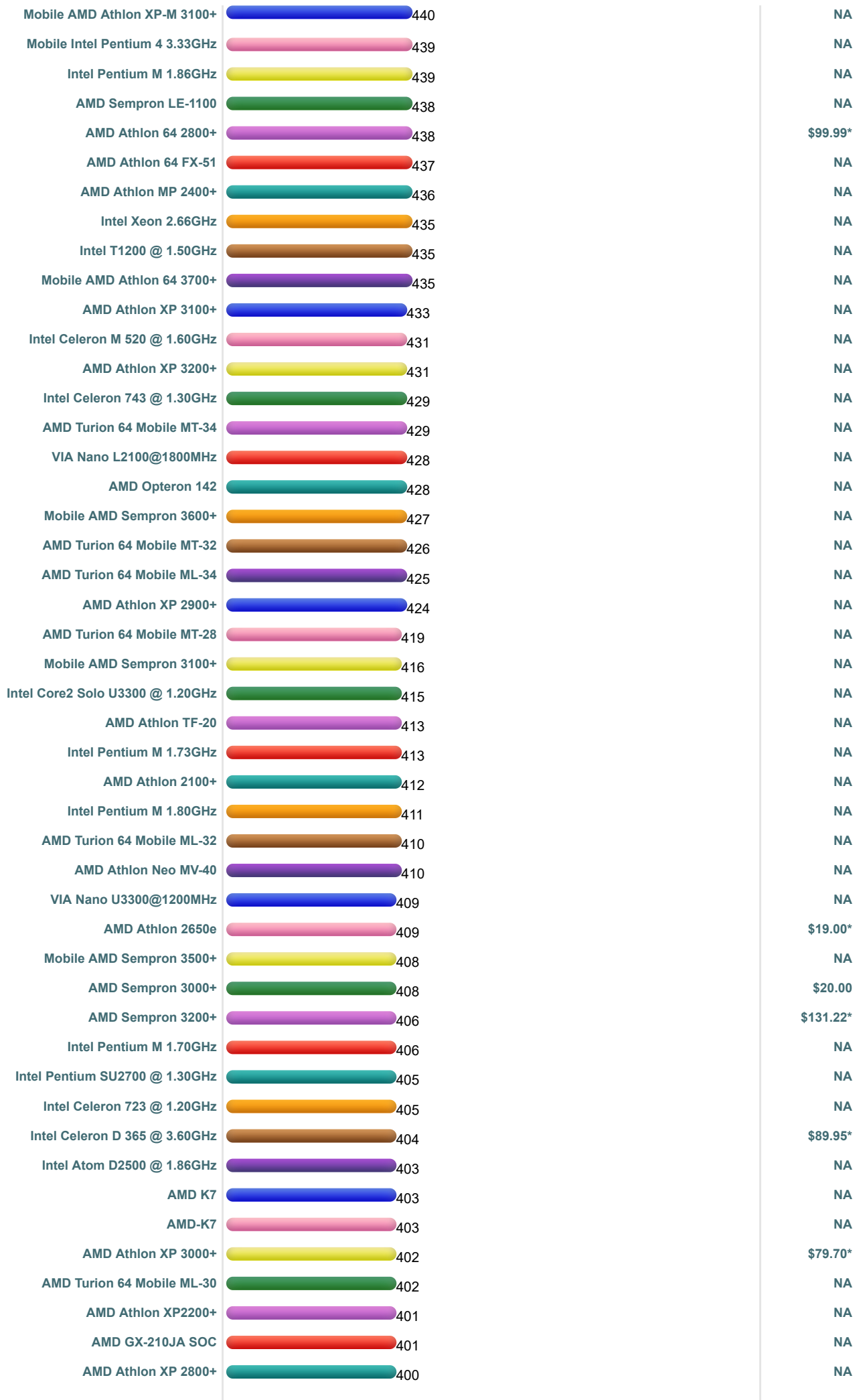


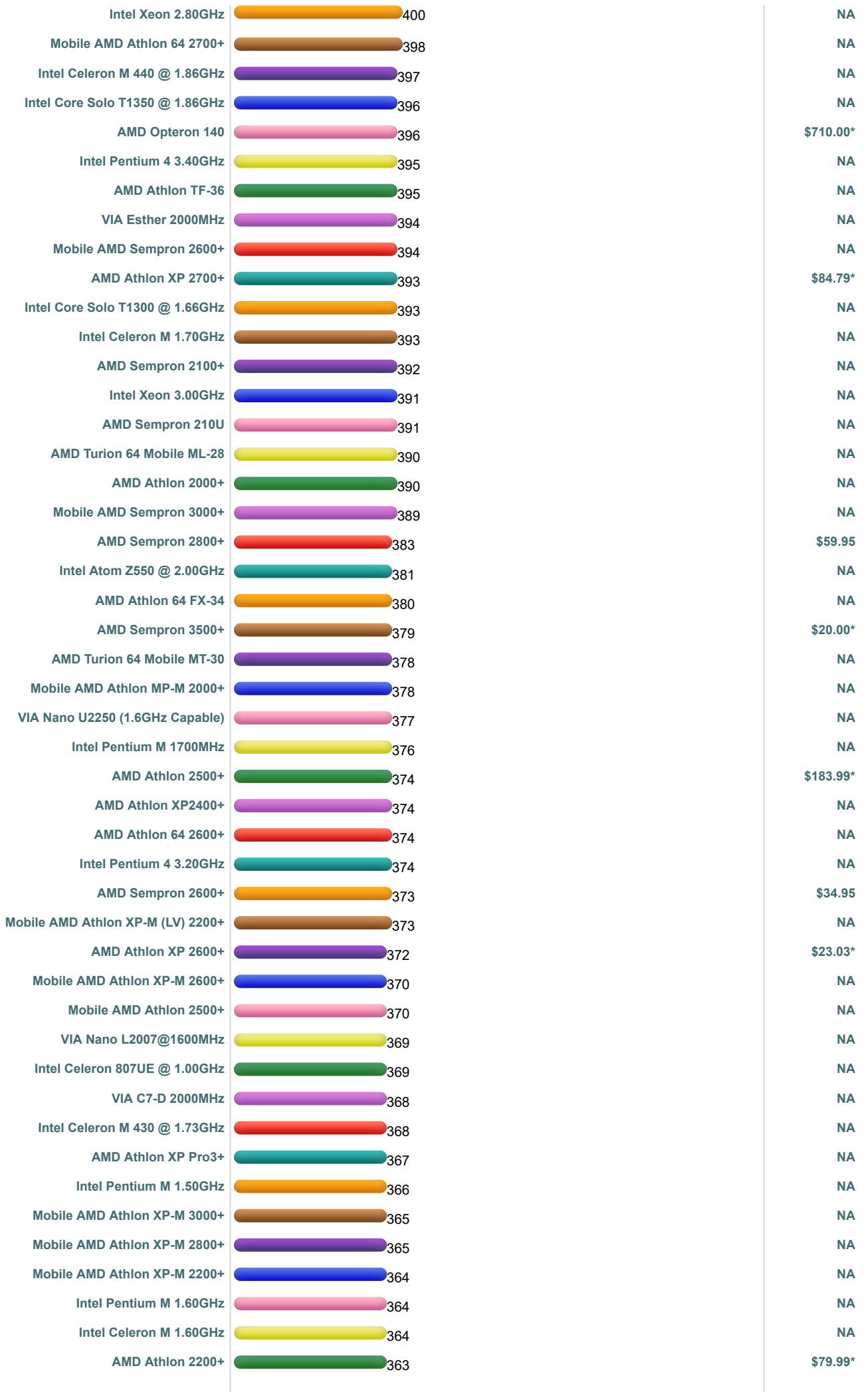


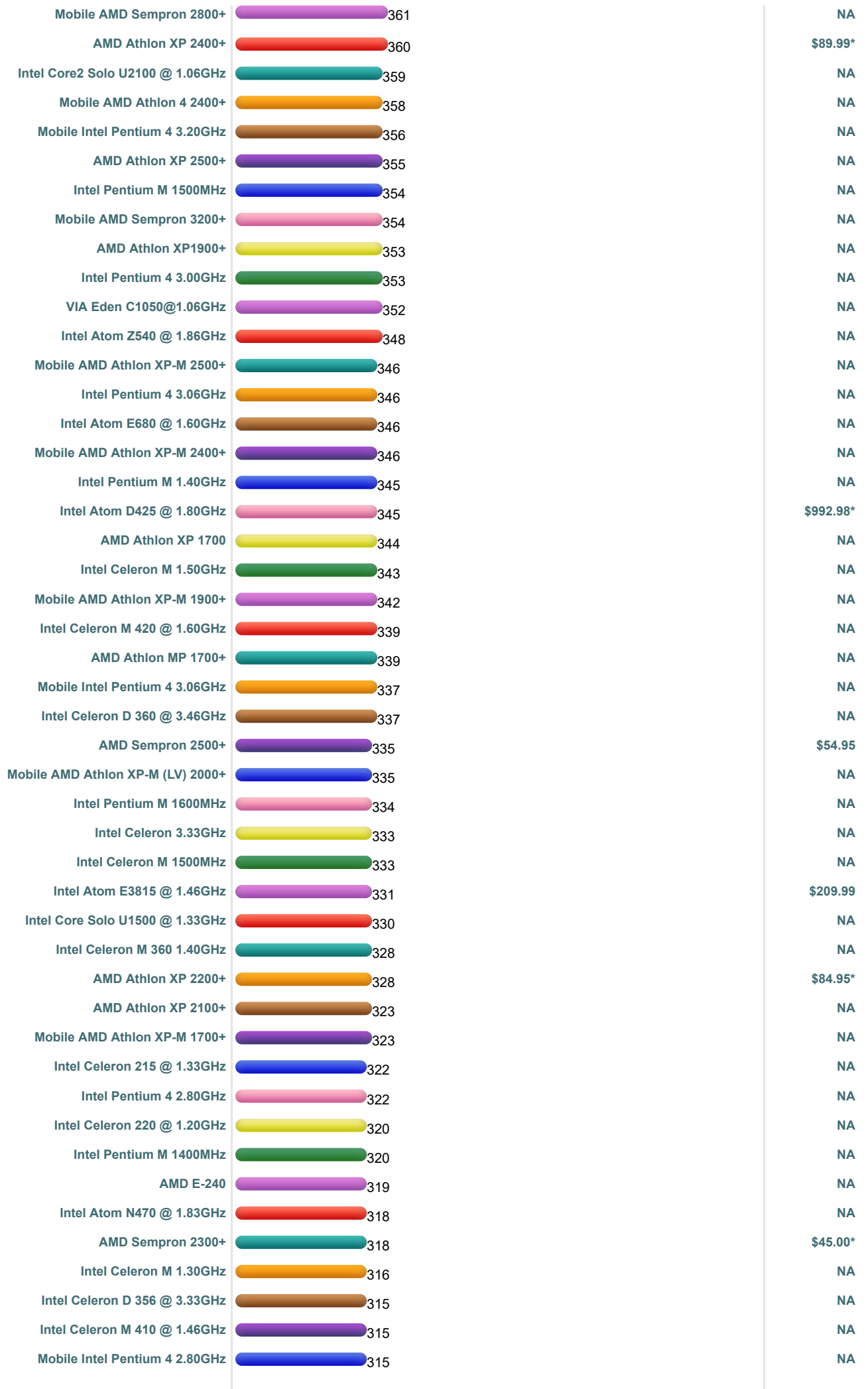


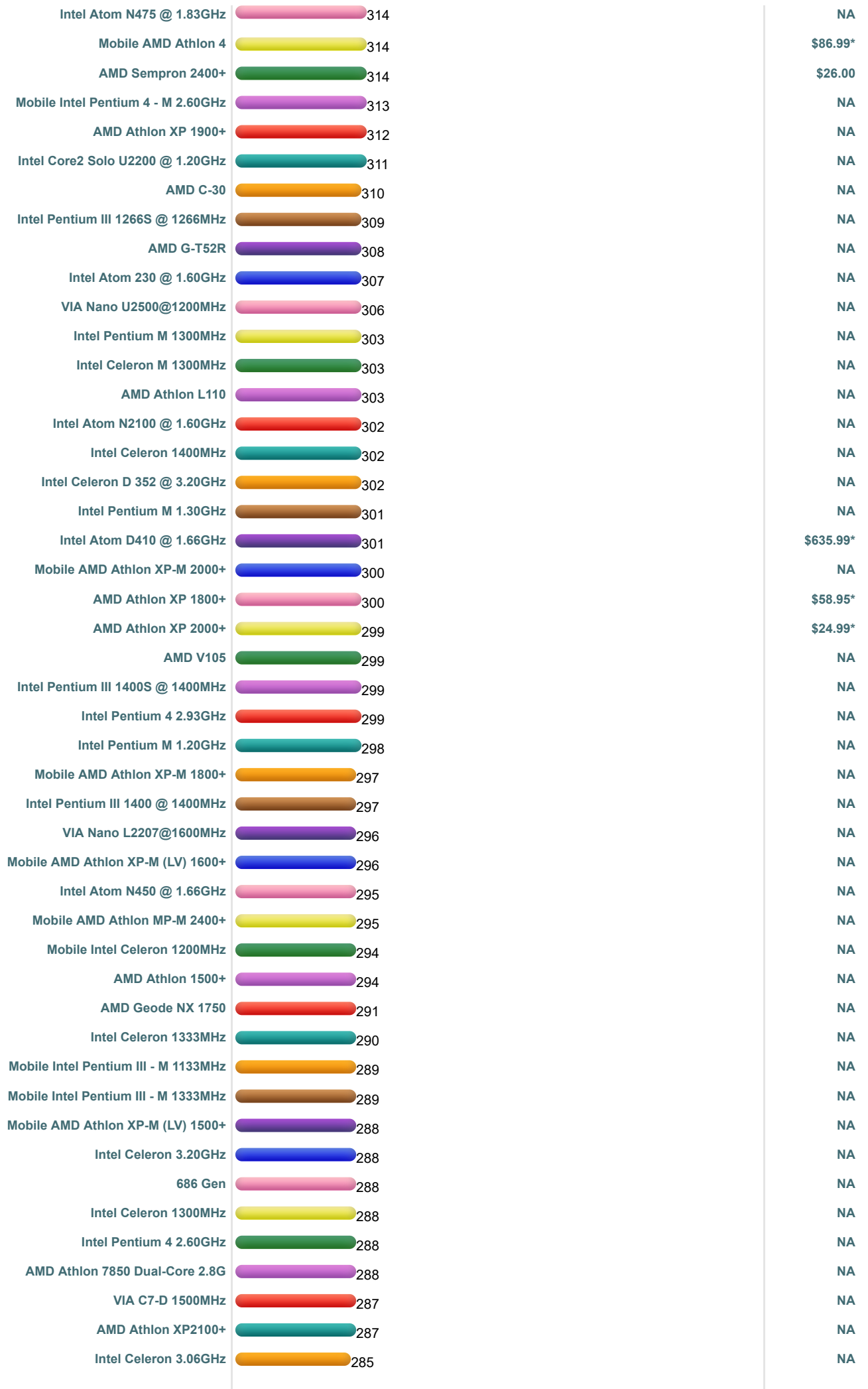


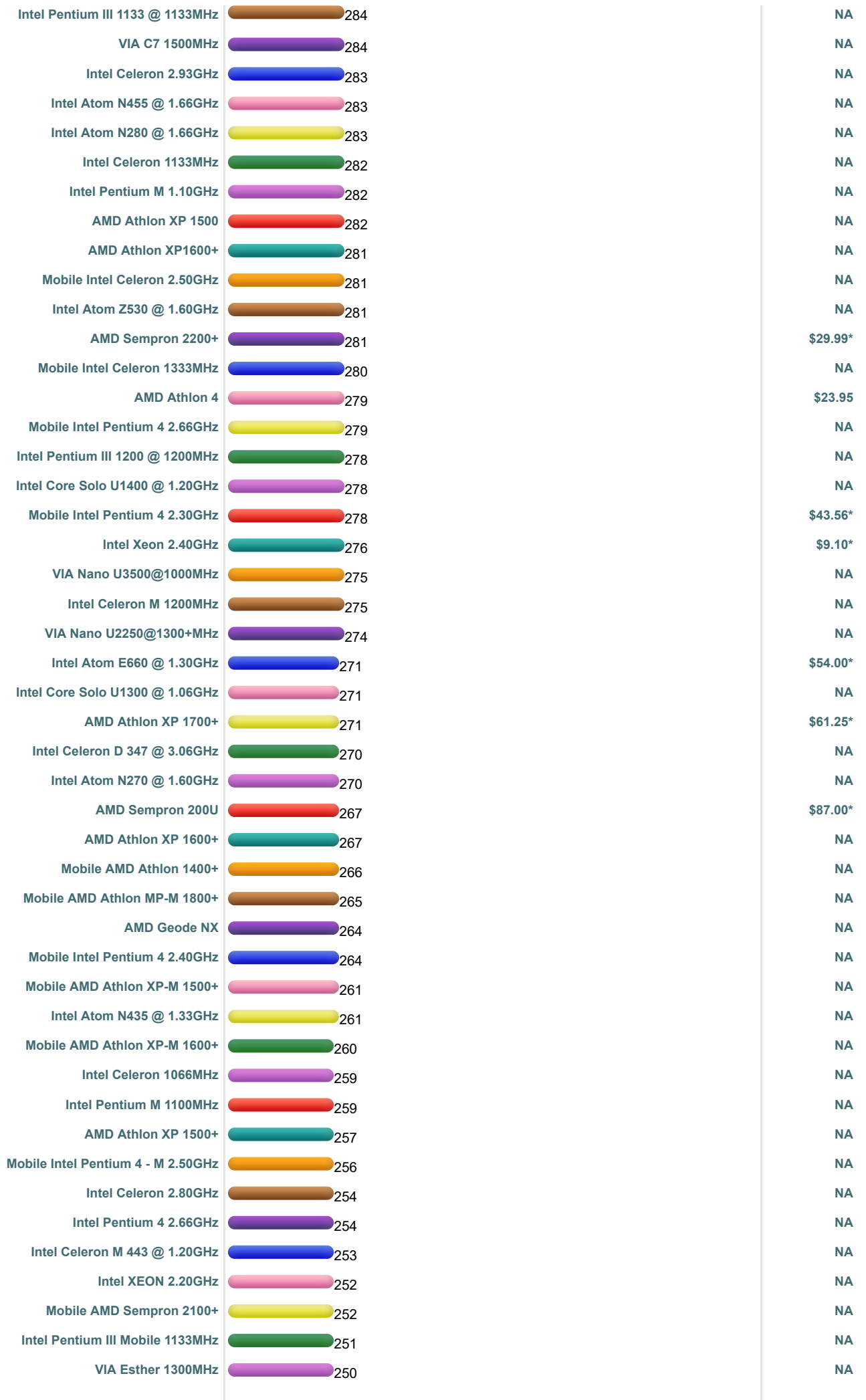


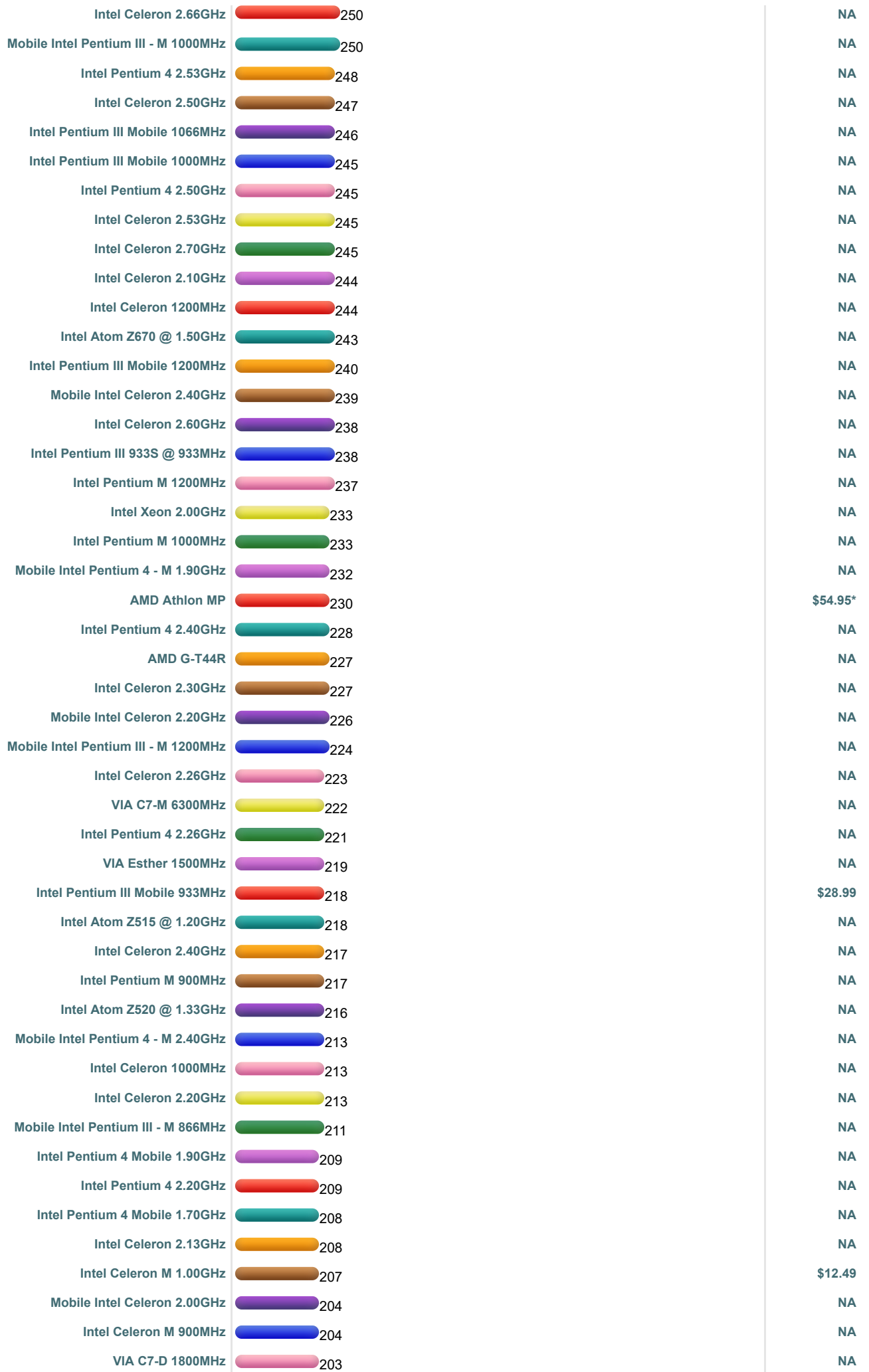


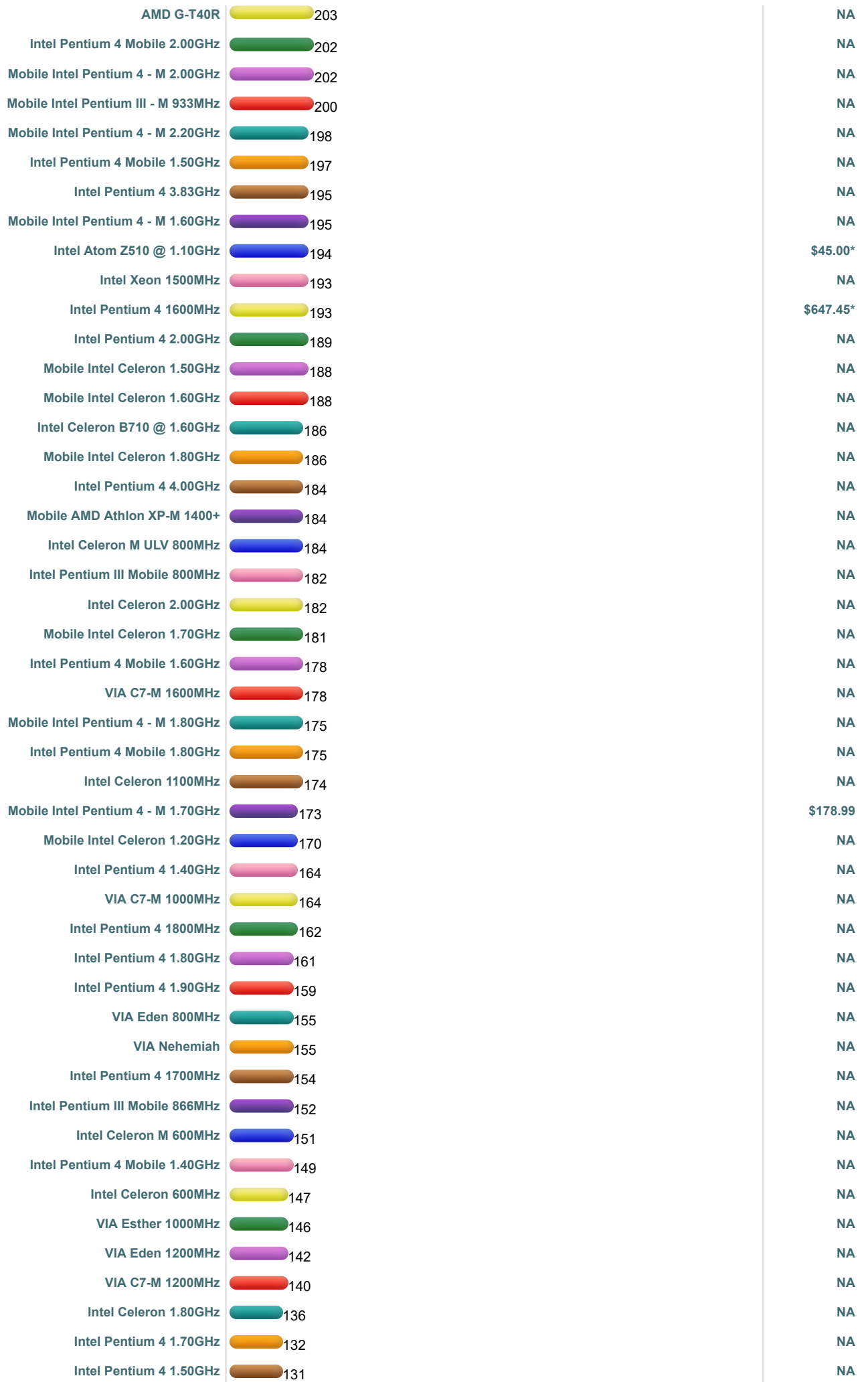


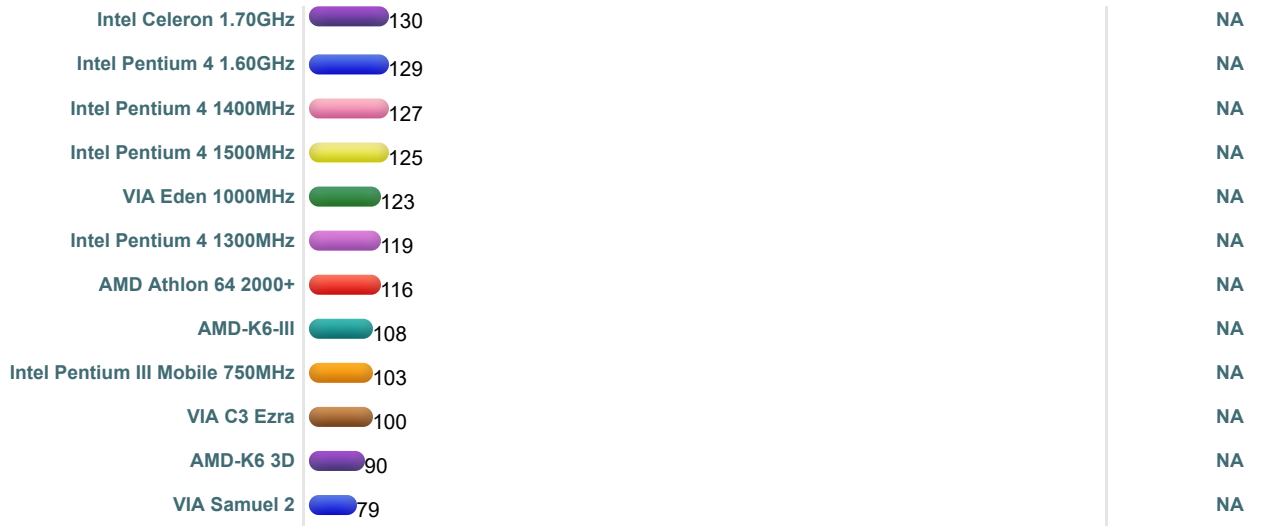












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