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How does your CPU compare?

Add your CPU to our benchmark chart
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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!

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CPU Mark | Price Performance

(Click to select desired chart)

PassMark - CPU Mark High End CPUs - Updated 8th of January 2019

| | | Price (USD) |
|-------------------------------------|--------|-------------|
| Intel Xeon Platinum 8168 @ 2.70GHz | 31,799 | \$5,890.00* |
| Intel Core i9-9980XE @ 3.00GHz | 30,367 | \$1,999.00 |
| Intel Xeon Platinum 8173M @ 2.00GHz | 28,860 | NA |
| Intel Core i9-9940X @ 3.30GHz | 28,855 | \$1,473.70 |
| Intel Xeon Platinum 8175M @ 2.50GHz | 28,103 | NA |
| Intel Core i9-7980XE @ 2.60GHz | 27,875 | \$2,005.50 |
| Intel Xeon Gold 6154 @ 3.00GHz | 27,722 | \$3,839.78* |
| Intel Core i9-9920X @ 3.50GHz | 27,102 | \$1,199.99* |
| Intel Xeon Platinum 8124M @ 3.00GHz | 26,652 | NA |
| AMD Ryzen Threadripper 2950X | 25,790 | \$879.99 |
| Intel Core i9-7960X @ 2.80GHz | 25,601 | \$1,726.63 |
| Intel Xeon Gold 6138 @ 2.00GHz | 25,416 | \$2,659.99 |
| Intel Core i9-7940X @ 3.10GHz | 25,391 | \$1,129.99 |
| Intel Xeon E5-2679 v4 @ 2.50GHz | 25,266 | \$2,702.00* |
| Intel Xeon Gold 6146 @ 3.20GHz | 25,142 | \$3,658.34* |
| Intel Xeon W-2195 @ 2.30GHz | 24,983 | \$3,042.35* |
| AMD Ryzen Threadripper 2990WX | 24,132 | \$1,699.99 |
| Intel Xeon Gold 6140 @ 2.30GHz | 23,964 | \$2,589.99* |
| Intel Xeon Gold 6132 @ 2.60GHz | 23,907 | \$2,143.00 |


















































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| Intel Core i9-9900X @ 3.50GHz | 23,497 | \$1,078.25 |
| Intel Core i9-7920X @ 2.90GHz | 23,218 | \$959.99 |
| Intel Xeon E5-2699 v4 @ 2.20GHz | 23,200 | \$4,489.08 |
| Intel Xeon E5-2696 v3 @ 2.30GHz | 22,526 | \$2,498.00* |
| Intel Core i9-9820X @ 3.30GHz | 22,508 | \$899.99 |
| Intel Xeon E5-2699 v3 @ 2.30GHz | 22,375 | \$4,505.95 |
| AMD Ryzen Threadripper 1950X | 22,093 | \$569.99 |
| Intel Xeon E5-2697A v4 @ 2.60GHz | 21,875 | NA |
| Intel Core i9-7900X @ 3.30GHz | 21,861 | \$929.99 |
| Intel Xeon E5-2698 v4 @ 2.20GHz | 21,836 | \$3,226.00* |
| Intel Xeon W-2155 @ 3.30GHz | 21,815 | \$1,530.39* |
| Intel Xeon E5-2697 v4 @ 2.30GHz | 21,525 | \$2,790.05* |
| Intel Xeon W-2150B @ 3.00GHz | 21,522 | NA |
| Intel Xeon E5-2673 v4 @ 2.30GHz | 21,474 | NA |
| Intel Xeon E5-2697 v3 @ 2.60GHz | 21,365 | \$735.00 |
| Intel Xeon E5-2690 v4 @ 2.60GHz | 21,326 | \$2,350.88* |
| Intel Xeon E5-2698 v3 @ 2.30GHz | 21,133 | \$3,424.02* |
| Intel Xeon E5-2696 v4 @ 2.20GHz | 21,077 | \$3,009.95* |
| Intel Xeon E5-2682 v4 @ 2.50GHz | 21,066 | NA |
| Intel Xeon Gold 6136 @ 3.00GHz | 21,018 | \$2,677.82* |
| AMD Ryzen Threadripper 2920X | 20,764 | \$649.99 |
| Intel Xeon E5-2695 v4 @ 2.10GHz | 20,258 | \$2,573.17* |
| Intel Core i9-9900K @ 3.60GHz | 20,155 | \$529.99 |
| Intel Xeon E5-2695 v3 @ 2.30GHz | 20,081 | \$2,009.99* |
| Intel Core i7-7900X @ 3.30GHz | 20,046 | NA |
| Intel Core i7-6950X @ 3.00GHz | 19,953 | \$1,420.10 |
| Intel Xeon E5-2687W v4 @ 3.00GHz | 19,933 | \$2,307.31* |
| Intel Xeon E5-2689 v4 @ 3.10GHz | 19,931 | NA |
| Intel Xeon E5-2680 v4 @ 2.40GHz | 19,886 | \$1,762.90* |
| Intel Xeon E5-2686 v4 @ 2.30GHz | 19,801 | NA |
| Intel Xeon Gold 6126 @ 2.60GHz | 19,711 | \$1,931.39 |
| Intel Core i7-9800X @ 3.80GHz | 19,699 | \$619.54 |
| Intel Xeon Gold 6144 @ 3.50GHz | 19,654 | \$2,925.00* |
| Intel Xeon W-2145 @ 3.70GHz | 19,617 | \$1,304.26* |
| Intel Xeon E5-2690 v3 @ 2.60GHz | 19,295 | \$2,215.86* |
| Intel Xeon E5-2686 v3 @ 2.00GHz | 19,255 | NA |
| AMD Ryzen Threadripper 1920X | 19,226 | \$541.11 |
| Intel Xeon Gold 6130 @ 2.10GHz | 19,060 | \$1,942.00 |
| Intel Xeon E5-2683 v4 @ 2.10GHz | 19,047 | \$2,087.48* |
| AMD EPYC 7501 | 18,942 | \$4,456.22 |
| Intel Xeon D-2183IT @ 2.20GHz | 18,627 | \$1,764.00* |
| Intel Xeon E5-2680 v3 @ 2.50GHz | 18,585 | \$2,001.00* |
| AMD EPYC 7401P | 18,546 | \$1,169.01 |
| Intel Core i7-7820X @ 3.60GHz | 18,531 | \$625.59 |
| AMD EPYC 7551 | 18,483 | \$3,695.19 |
| Intel Xeon W-2140B @ 3.20GHz | 18,472 | NA |
| AMD EPYC 7551P | 18,359 | \$2,200.00 |
| AMD Ryzen Threadripper 2990X | 18,311 | NA |
| Intel Xeon E5-1681 v3 @ 2.90GHz | 18,238 | NA |
| Intel Xeon Gold 5120T @ 2.20GHz | 18,145 | \$1,727.00* |

































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| Intel Xeon Gold 6134 @ 3.20GHz | 18,083 | \$2,159.00 |
| AMD Ryzen Threadripper 2970WX | 17,886 | \$1,168.99 |
| Intel Xeon E5-2687W v3 @ 3.10GHz | 17,720 | \$3,008.95* |
| Intel Core i7-6900K @ 3.20GHz | 17,690 | \$1,028.83 |
| Intel Xeon E5-2676 v3 @ 2.40GHz | 17,670 | NA |
| Intel Xeon E5-2683 v3 @ 2.00GHz | 17,415 | \$1,984.99* |
| Intel Xeon E5-2697 v2 @ 2.70GHz | 17,405 | \$1,974.91 |
| AMD Ryzen 7 PRO 2700X | 17,276 | NA |
| Intel Core i7-9700K @ 3.60GHz | 17,234 | \$435.98 |
| Intel Xeon E5-1680 v4 @ 3.40GHz | 17,093 | NA |
| Intel Xeon E5-2673 v3 @ 2.40GHz | 17,071 | \$700.00* |
| Intel Xeon E5-2660 v4 @ 2.00GHz | 17,069 | \$1,760.00* |
| AMD Ryzen 7 2700X | 16,971 | \$309.99 |
| Intel Xeon E5-2678 v3 @ 2.50GHz | 16,905 | NA |
| Intel Xeon E5-2658 v4 @ 2.30GHz | 16,754 | NA |
| Intel Core i7-8086K @ 4.00GHz | 16,686 | \$552.96* |
| Intel Xeon E5-2696 v2 @ 2.50GHz | 16,620 | NA |
| Intel Xeon E5-2687W v2 @ 3.40GHz | 16,492 | \$2,105.59* |
| Intel Xeon E5-1680 v3 @ 3.20GHz | 16,459 | NA |
| Intel Xeon E5-2667 v4 @ 3.20GHz | 16,447 | \$2,214.70 |
| Intel Xeon E5-2690 v2 @ 3.00GHz | 16,440 | \$329.00 |
| Intel Xeon Gold 5118 @ 2.30GHz | 16,389 | \$1,371.05* |
| Intel Xeon E5-1680 v2 @ 3.00GHz | 16,345 | NA |
| Intel Xeon W-2135 @ 3.70GHz | 16,325 | \$1,026.32 |
| Intel Xeon E5-2673 v2 @ 3.30GHz | 16,320 | NA |
| Intel Xeon Gold 5120 @ 2.20GHz | 16,308 | \$1,561.00* |
| Intel Xeon E5-2670 v3 @ 2.30GHz | 16,303 | \$1,572.00* |
| Intel Xeon E5-2658 v3 @ 2.20GHz | 16,298 | NA |
| Intel Xeon E5-2667 v2 @ 3.30GHz | 16,236 | \$763.56 |
| Intel Xeon E5-1660 v4 @ 3.20GHz | 16,192 | \$1,229.52* |
| Intel Xeon E5-2660 v3 @ 2.60GHz | 16,184 | \$1,808.95 |
| Intel Xeon E5-2667 v3 @ 3.20GHz | 16,119 | \$2,259.95* |
| Intel Xeon E-2146G @ 3.50GHz | 16,044 | \$311.00* |
| Intel Xeon E5-2692 v2 @ 2.20GHz | 16,018 | NA |
| Intel Xeon E5-2650 v4 @ 2.20GHz | 15,976 | \$1,279.07* |
| AMD Ryzen Threadripper 1900X | 15,975 | \$319.99 |
| Intel Core i7-8700K @ 3.70GHz | 15,957 | \$418.94 |
| Intel Core i7-5960X @ 3.00GHz | 15,949 | \$769.99 |
| AMD Ryzen 7 PRO 2700 | 15,897 | NA |
| Intel Xeon E5-4657L v2 @ 2.40GHz | 15,896 | \$3,000.00* |
| Intel Xeon E5-2680 v2 @ 2.80GHz | 15,862 | \$259.00 |
| AMD EPYC 7351P | 15,820 | \$838.80 |
| Intel Xeon E5-2695 v2 @ 2.40GHz | 15,696 | \$1,779.95* |
| Intel Xeon E5-4660 v3 @ 2.10GHz | 15,556 | \$4,800.00* |
| Intel Xeon E5-4627 v4 @ 2.60GHz | 15,516 | \$2,225.00* |
| Intel Xeon E-2186G @ 3.80GHz | 15,406 | \$450.00* |
| AMD Ryzen 7 1800X | 15,392 | \$271.39 |
| AMD Ryzen 7 PRO 1700X | 15,349 | NA |
| Intel Xeon E-2136 @ 3.30GHz | 15,338 | \$284.00* |
| Intel Xeon E-2176G @ 3.70GHz | 15,335 | \$362.00* |

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| Intel Xeon E5-2640 v4 @ 2.40GHz | 15,329 | \$937.02 |
| Intel Xeon Silver 4116 @ 2.10GHz | 15,320 | \$1,121.16* |
| Intel Xeon Silver 4123 @ 3.00GHz | 15,185 | NA |
| Intel Xeon E5-2675 v3 @ 1.80GHz | 15,156 | NA |
| Intel Core i7-8700 @ 3.20GHz | 15,133 | \$414.21 |
| Intel Xeon Gold 6128 @ 3.40GHz | 15,022 | \$1,842.27* |
| Intel Xeon E5-2685 v3 @ 2.60GHz | 15,004 | NA |
| AMD Ryzen 7 2700 | 14,970 | \$269.95 |
| Intel Xeon E5-2670 v2 @ 2.50GHz | 14,966 | \$209.00 |
| Intel Xeon E5-2650 v3 @ 2.30GHz | 14,841 | \$2,009.92* |
| Intel Xeon D-1567 @ 2.10GHz | 14,693 | NA |
| Intel Xeon E5-2649 v3 @ 2.30GHz | 14,677 | NA |
| AMD Ryzen 7 1700X | 14,677 | \$189.99 |
| AMD Ryzen 5 PRO 2600 | 14,645 | NA |
| Intel Xeon E-2186M @ 2.90GHz | 14,616 | \$623.00* |
| Intel Xeon E5-2618L v4 @ 2.20GHz | 14,592 | \$779.00* |
| Intel Core i7-7800X @ 3.50GHz | 14,585 | \$359.99 |
| Intel Xeon E5-1660 v3 @ 3.00GHz | 14,565 | \$1,616.49* |
| Intel Core i9-8950HK @ 2.90GHz | 14,382 | \$583.00* |
| Intel Xeon E5-2687W @ 3.10GHz | 14,381 | \$591.46 |
| Intel Core i7-6850K @ 3.60GHz | 14,369 | \$549.99 |
| AMD Ryzen 5 2600X | 14,355 | \$199.99 |
| Intel Xeon Silver 4114 @ 2.20GHz | 14,278 | \$744.99* |
| Intel Xeon E5-4627 v3 @ 2.60GHz | 14,247 | \$2,400.00* |
| Intel Xeon E5-1650 v4 @ 3.60GHz | 14,236 | \$629.99* |
| AMD Ryzen 7 PRO 1700 | 14,171 | NA |
| Intel Xeon E5-2658 v2 @ 2.40GHz | 14,128 | NA |
| Intel Xeon E5-2650L v4 @ 1.70GHz | 14,093 | \$1,496.00* |
| Intel Xeon W-2133 @ 3.60GHz | 14,045 | \$617.00* |
| Intel Xeon E-2176M @ 2.70GHz | 14,039 | \$450.00* |
| Intel Xeon E5-2663 v3 @ 2.80GHz | 13,994 | NA |
| Intel Xeon E5-2640 v3 @ 2.60GHz | 13,955 | \$1,254.25 |
| Intel Xeon D-1587 @ 1.70GHz | 13,950 | NA |
| Intel Xeon E5-2630 v4 @ 2.20GHz | 13,884 | \$659.99 |
| Intel Xeon D-2143IT @ 2.20GHz | 13,816 | \$566.00* |
| Intel Core i7-4960X @ 3.60GHz | 13,801 | \$769.99 |
| Intel Xeon E5-2643 v3 @ 3.40GHz | 13,801 | \$693.69 |
| Intel Xeon E5-1660 v2 @ 3.70GHz | 13,758 | \$1,808.95* |
| AMD Ryzen 7 1700 | 13,745 | \$179.99 |
| Intel Xeon E5-2690 @ 2.90GHz | 13,710 | \$159.00 |
| Intel Xeon E5-2648L v4 @ 1.80GHz | 13,654 | NA |
| Intel Core i7-5930K @ 3.50GHz | 13,630 | \$498.98 |
| Intel Xeon E5-4669 v4 @ 2.20GHz | 13,626 | NA |
| Intel Xeon E5-2643 v4 @ 3.40GHz | 13,618 | \$1,638.35 |
| Intel Xeon E5-1650 v3 @ 3.50GHz | 13,613 | \$675.00 |
| Intel Core i7-6800K @ 3.40GHz | 13,589 | \$419.99 |
| AMD Ryzen 5 2600 | 13,538 | \$164.99 |
| Intel Xeon E5-2650L v3 @ 1.80GHz | 13,513 | \$1,399.00 |
| Intel Core i5-9600K @ 3.70GHz | 13,431 | \$259.99 |
| Intel Xeon E5-2689 @ 2.60GHz | 13,427 | NA |

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| Intel Xeon E5-2660 v2 @ 2.20GHz | 13,327 | \$213.01* |
| Intel Xeon E5-2628L v4 @ 1.90GHz | 13,268 | \$1,364.00* |
| AMD Ryzen 5 1600X | 13,234 | \$168.79 |
| Intel Core i7-8850H @ 2.60GHz | 13,171 | \$395.00* |
| Intel Xeon E5-2650 v2 @ 2.60GHz | 13,078 | \$249.00 |
| Intel Core i7-4930K @ 3.40GHz | 13,013 | \$398.98 |
| Intel Core i7-5820K @ 3.30GHz | 12,990 | \$299.99 |
| Intel Xeon E5-2643 v2 @ 3.50GHz | 12,957 | \$559.99 |
| Intel Xeon E5-2630L v4 @ 1.80GHz | 12,847 | NA |
| Intel Xeon D-2141I @ 2.20GHz | 12,836 | \$555.00* |
| Intel Xeon E5-2470 v2 @ 2.40GHz | 12,836 | \$2,250.00* |
| Intel Xeon E5-2630 v3 @ 2.40GHz | 12,797 | \$485.00 |
| Intel Core i5-8600K @ 3.60GHz | 12,774 | \$282.81 |
| Intel Xeon E5-1650 v2 @ 3.50GHz | 12,715 | \$116.24 |
| Intel Xeon E5-4640 v3 @ 1.90GHz | 12,703 | NA |
| Intel Core i7-3970X @ 3.50GHz | 12,672 | \$909.99* |
| Intel Core i5-8600 @ 3.10GHz | 12,641 | \$244.47* |
| Intel Xeon E5-2680 @ 2.70GHz | 12,638 | \$111.84 |
| Intel Core i7-8700T @ 2.40GHz | 12,625 | \$419.00* |
| Intel Core i7-3960X @ 3.30GHz | 12,607 | \$799.99 |
| Intel Core i7-8750H @ 2.20GHz | 12,459 | \$395.00* |
| Intel Xeon E5-1660 @ 3.30GHz | 12,364 | \$1,226.66* |
| Intel Xeon W-2125 @ 4.00GHz | 12,363 | \$724.99* |
| Intel Xeon E5-4655 v3 @ 2.90GHz | 12,292 | \$4,616.00* |
| Intel Core i7-7740X @ 4.30GHz | 12,269 | \$394.88 |
| AMD Ryzen 5 1600 | 12,266 | \$159.99 |
| AMD Ryzen 5 PRO 1600 | 12,213 | NA |
| Intel Xeon E5-2618L v3 @ 2.30GHz | 12,186 | NA |
| Intel Xeon E5-2670 @ 2.60GHz | 12,142 | \$98.99 |
| Intel Core i7-8559U @ 2.70GHz | 12,129 | NA |
| Intel Xeon E-2174G @ 3.80GHz | 12,108 | \$379.23 |
| Intel Core i7-7700K @ 4.20GHz | 12,039 | \$388.98 |
| Intel Xeon Silver 4110 @ 2.10GHz | 12,020 | \$542.99 |
| Intel Core i7-3930K @ 3.20GHz | 11,987 | \$502.77 |
| Intel Xeon E5-2628L v3 @ 2.00GHz | 11,965 | NA |
| Intel Xeon E3-1285 v6 @ 4.10GHz | 11,955 | \$450.00* |
| Intel Core i5-8500 @ 3.00GHz | 11,892 | \$210.00 |
| Intel Xeon E5-4650 @ 2.70GHz | 11,848 | \$95.49* |
| Intel Xeon E5-4650L @ 2.60GHz | 11,821 | \$8,684.50* |
| Intel Xeon E5-1650 @ 3.20GHz | 11,736 | \$90.74 |
| Intel Core i5-8400 @ 2.80GHz | 11,643 | \$193.99 |
| Intel Xeon E5-2665 @ 2.40GHz | 11,599 | \$148.34 |
| Intel Xeon E5-2648L v3 @ 1.80GHz | 11,392 | \$1,393.15 |
| Intel Xeon E3-1280 v6 @ 3.90GHz | 11,371 | \$492.01 |
| Intel Xeon E5-2620 v4 @ 2.10GHz | 11,364 | \$428.99 |
| AMD EPYC 7251 8-Core | 11,344 | \$519.99 |
| Intel Xeon E5-2651 v2 @ 1.80GHz | 11,275 | NA |
| Intel Core i7-4790K @ 4.00GHz | 11,178 | \$306.99 |
| Intel Xeon E3-1270 v6 @ 3.80GHz | 11,135 | \$330.61 |
| Intel Xeon E3-1275 v6 @ 3.80GHz | 11,113 | \$367.97 |












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|-----------------------------------|---|--------|-------------|
| Intel Core i7-6700K @ 4.00GHz |  | 11,108 | \$285.00 |
| Intel Xeon Gold 5122 @ 3.60GHz |  | 11,104 | \$1,294.99 |
| Intel Xeon E5-2660 @ 2.20GHz |  | 11,098 | \$102.00 |
| Intel Xeon E5-4648 v3 @ 1.70GHz |  | 11,097 | NA |
| Intel Xeon D-1541 @ 2.10GHz |  | 11,069 | NA |
| Intel Core i7-8809G @ 3.10GHz |  | 11,052 | NA |
| Intel Xeon E3-1285L v4 @ 3.40GHz |  | 11,048 | NA |
| Intel Xeon E5-2629 v3 @ 2.40GHz |  | 11,022 | NA |
| Intel Core i7-5775C @ 3.30GHz |  | 10,985 | \$449.99 |
| Intel Core i5-8259U @ 2.30GHz |  | 10,934 | \$692.13 |
| Intel Core i7-5950HQ @ 2.90GHz |  | 10,932 | NA |
| Intel Core i5-8600T @ 2.30GHz |  | 10,913 | \$373.99* |
| Intel Xeon Silver 4108 @ 1.80GHz |  | 10,883 | \$457.51* |
| Intel Core i7-5775R @ 3.30GHz |  | 10,867 | NA |
| Intel Xeon Silver 4109T @ 2.00GHz |  | 10,854 | \$501.00* |
| Intel Xeon E3-1575M v5 @ 3.00GHz |  | 10,755 | NA |
| AMD Opteron 6386 SE |  | 10,748 | \$149.99 |
| Intel Xeon E3-1585 v5 @ 3.50GHz |  | 10,743 | NA |
| Intel Core i7-7700 @ 3.60GHz |  | 10,742 | \$334.89 |
| Intel Xeon W-2123 @ 3.60GHz |  | 10,732 | \$329.61 |
| Intel Xeon E3-1585L v5 @ 3.00GHz |  | 10,689 | \$445.00* |
| Intel Xeon E3-1280 v5 @ 3.70GHz |  | 10,666 | \$690.01* |
| Intel Xeon E3-1285 v4 @ 3.50GHz |  | 10,641 | NA |
| Intel Xeon E3-1245 v6 @ 3.70GHz |  | 10,607 | \$309.99 |
| Intel Xeon E3-1535M v6 @ 3.10GHz |  | 10,589 | NA |
| Intel Xeon D-1540 @ 2.00GHz |  | 10,573 | NA |
| Intel Xeon E5-4640 @ 2.40GHz |  | 10,523 | \$2,730.00* |
| Intel Core i7-8706G @ 3.10GHz |  | 10,512 | NA |
| Intel Xeon E5-2637 v4 @ 3.50GHz |  | 10,468 | \$1,073.78* |
| Intel Xeon E3-1545M v5 @ 2.90GHz |  | 10,451 | NA |
| Intel Xeon E5-2667 @ 2.90GHz |  | 10,400 | \$226.00* |
| Intel Xeon E3-1240 v5 @ 3.50GHz |  | 10,391 | \$341.67* |
| Intel Xeon E5-2630 v2 @ 2.60GHz |  | 10,382 | \$65.92 |
| Intel Xeon E3-1285 v3 @ 3.60GHz |  | 10,359 | NA |
| Intel Xeon E3-1275 v5 @ 3.60GHz |  | 10,358 | \$569.00 |
| Intel Xeon E3-1281 v3 @ 3.70GHz |  | 10,349 | \$877.75* |
| Intel Xeon E3-1270 v5 @ 3.60GHz |  | 10,334 | \$373.99 |
| Intel Xeon E5-1630 v4 @ 3.70GHz |  | 10,314 | NA |
| Intel Xeon E5-1630 v3 @ 3.70GHz |  | 10,277 | \$597.85* |
| Intel Core i7-4980HQ @ 2.80GHz |  | 10,240 | NA |
| AMD FX-9590 Eight-Core |  | 10,195 | \$138.00 |
| Intel Xeon E5-2450 @ 2.10GHz |  | 10,186 | \$369.00 |
| Intel Xeon E3-1245 v5 @ 3.50GHz |  | 10,184 | \$345.31* |
| Intel Xeon E3-1276 v3 @ 3.60GHz |  | 10,170 | \$1,073.00 |
| Intel Xeon E3-1240 v6 @ 3.70GHz |  | 10,148 | \$289.99 |
| Intel Xeon E5-2637 v3 @ 3.50GHz |  | 10,144 | \$1,295.95* |
| Intel Xeon E5-2650 @ 2.00GHz |  | 10,129 | \$114.78 |
| AMD Ryzen 5 PRO 1500 |  | 10,118 | NA |
| Intel Xeon E3-1515M v5 @ 2.80GHz |  | 10,093 | NA |
| Intel Core i7-4770K @ 3.50GHz | | 10,089 | \$265.00 |




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|----------------------------------|---|--------|-------------|
| Intel Xeon E3-1271 v3 @ 3.60GHz |  | 10,086 | \$888.00* |
| Intel Xeon E3-1260L v5 @ 2.90GHz |  | 10,083 | \$499.00* |
| AMD Ryzen 5 1500X |  | 10,082 | \$144.99 |
| AMD Opteron 6380 |  | 10,081 | \$99.99 |
| Intel Core i7-7920HQ @ 3.10GHz |  | 10,062 | NA |
| Intel Xeon E5-2470 @ 2.30GHz |  | 10,061 | \$316.72* |
| AMD Ryzen 5 PRO 2400G |  | 10,046 | NA |
| Intel Core i7-8705G @ 3.10GHz |  | 10,040 | NA |
| Intel Core i5-8500T @ 2.10GHz |  | 10,021 | \$218.34* |
| Intel Xeon E5-2620 v3 @ 2.40GHz |  | 10,020 | \$457.92 |
| Intel Core i7-7820HK @ 2.90GHz |  | 10,020 | NA |
| Intel Xeon E3-1241 v3 @ 3.50GHz |  | 10,015 | \$775.00* |
| Intel Xeon E5-2640 v2 @ 2.00GHz |  | 10,009 | \$230.05 |
| Intel Core i7-6700 @ 3.40GHz |  | 10,005 | \$269.00 |
| Intel Core i7-4790 @ 3.60GHz |  | 9,990 | \$278.99 |
| Intel Xeon E3-1285L v3 @ 3.10GHz |  | 9,981 | \$808.02 |
| Intel Xeon E5-1620 v4 @ 3.50GHz |  | 9,922 | \$305.95 |
| Intel Core i7-4940MX @ 3.10GHz |  | 9,910 | \$709.95 |
| Intel Xeon E3-1270 v3 @ 3.50GHz |  | 9,902 | \$369.99* |
| Intel Xeon E3-1275 v3 @ 3.50GHz |  | 9,901 | \$400.99* |
| Intel Xeon E3-1286 v3 @ 3.70GHz |  | 9,899 | \$839.00* |
| Intel Xeon E3-1505M v6 @ 3.00GHz |  | 9,872 | NA |
| Intel Core i7-4771 @ 3.50GHz |  | 9,870 | \$299.99 |
| Intel Xeon E3-1246 v3 @ 3.50GHz |  | 9,853 | \$409.00 |
| Intel Xeon E-2124G @ 3.40GHz |  | 9,840 | \$213.00* |
| Intel Core i7-4770R @ 3.20GHz |  | 9,818 | NA |
| Intel Core i7-5850EQ @ 2.70GHz |  | 9,817 | \$435.00* |
| Intel Core i7-4960HQ @ 2.60GHz |  | 9,792 | \$623.00* |
| Intel Core i7-995X @ 3.60GHz |  | 9,791 | NA |
| AMD Opteron 6287 SE |  | 9,789 | NA |
| Intel Core i7-4770 @ 3.40GHz |  | 9,788 | \$199.00 |
| Intel Xeon E3-1230 v5 @ 3.40GHz |  | 9,779 | \$411.99* |
| Intel Core i5-8400H @ 2.50GHz |  | 9,767 | \$250.00* |
| Intel Xeon E5-1620 v3 @ 3.50GHz |  | 9,765 | \$358.70* |
| Intel Xeon E3-1280 v3 @ 3.60GHz |  | 9,765 | \$697.36* |
| Intel Xeon D-1531 @ 2.20GHz |  | 9,730 | \$348.00* |
| Intel Core i7-6770HQ @ 2.60GHz |  | 9,723 | \$1,001.88* |
| Intel Core i7-4820K @ 3.70GHz |  | 9,718 | \$340.06 |
| Intel Xeon E3-1290 V2 @ 3.70GHz |  | 9,709 | \$885.00* |
| Intel Xeon E3-1230 v6 @ 3.50GHz |  | 9,686 | \$259.99 |
| Intel Xeon E3-1240 v3 @ 3.40GHz |  | 9,658 | \$384.40* |
| Intel Xeon E3-1231 v3 @ 3.40GHz |  | 9,629 | \$579.72 |
| Intel Core i5-8400T @ 1.70GHz |  | 9,620 | \$189.00 |
| Intel Core i7-6920HQ @ 2.90GHz |  | 9,611 | \$568.00* |
| Intel Xeon E3-1245 v3 @ 3.40GHz |  | 9,581 | \$339.95* |
| Intel Core i7-4790S @ 3.20GHz |  | 9,574 | \$399.98 |
| Intel Core i7-8709G @ 3.10GHz |  | 9,536 | NA |
| Intel Core i5-7640X @ 4.00GHz |  | 9,520 | \$334.15 |
| Intel Core i7-3770K @ 3.50GHz |  | 9,515 | \$259.99 |
| Intel Xeon E5-2640 @ 2.50GHz | | 9,511 | \$39.74 |













































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| Intel Xeon E3-1286L v3 @ 3.20GHz |  | 9,495 | \$774.00* |
| Intel Core i7-4930MX @ 3.00GHz |  | 9,493 | \$1,096.00* |
| Intel Xeon E5-2658 @ 2.10GHz |  | 9,484 | \$1,462.00* |
| Intel Xeon E5-2630L v3 @ 1.80GHz |  | 9,476 | \$751.92* |
| Intel Core i5-8300H @ 2.30GHz |  | 9,473 | \$250.00* |
| Intel Xeon E3-1270 V2 @ 3.50GHz |  | 9,462 | \$282.22 |
| Intel Xeon E5-1620 v2 @ 3.70GHz |  | 9,461 | \$69.99 |
| Intel Core i7-5850HQ @ 2.70GHz |  | 9,459 | \$434.00* |
| AMD FX-9370 Eight-Core |  | 9,458 | \$178.89 |
| Intel Xeon E3-1280 V2 @ 3.60GHz |  | 9,447 | \$859.00 |
| Intel Xeon E5-2637 v2 @ 3.50GHz |  | 9,447 | \$607.99 |
| Intel Xeon E3-1275 V2 @ 3.50GHz |  | 9,445 | \$394.72* |
| Intel Xeon E5-2440 v2 @ 1.90GHz |  | 9,425 | \$509.95* |
| AMD Opteron 6376 |  | 9,414 | \$65.00 |
| Intel Xeon E5-2628L v2 @ 1.90GHz |  | 9,405 | NA |
| Intel Core i7-4910MQ @ 2.90GHz |  | 9,399 | \$459.95* |
| AMD Ryzen 5 PRO 2400GE |  | 9,376 | NA |
| Intel Core i7-4870HQ @ 2.50GHz |  | 9,362 | NA |
| Intel Core i7-4770S @ 3.10GHz |  | 9,340 | \$249.99 |
| Intel Core i7-7820HQ @ 2.90GHz |  | 9,323 | \$378.00* |
| Intel Xeon E3-1535M v5 @ 2.90GHz |  | 9,319 | NA |
| Intel Xeon E3-1230 v3 @ 3.30GHz |  | 9,310 | \$261.66* |
| Intel Core i7-3940XM @ 3.00GHz |  | 9,293 | \$539.00* |
| AMD Ryzen 5 2400G |  | 9,290 | \$159.99 |
| Intel Core i7-3770 @ 3.40GHz |  | 9,287 | \$178.99 |
| Intel Core i7-4860HQ @ 2.40GHz |  | 9,271 | NA |
| Intel Core i7-7700T @ 2.90GHz |  | 9,238 | \$350.00 |
| Intel Core i3-8350K @ 4.00GHz |  | 9,236 | \$195.91 |
| Intel Core i7-8565U @ 1.80GHz |  | 9,220 | NA |
| Intel Xeon E3-1265L v3 @ 2.50GHz |  | 9,210 | \$709.95 |
| Intel Xeon E5-2440 @ 2.40GHz |  | 9,178 | \$55.05 |
| Intel Xeon W3690 @ 3.47GHz |  | 9,160 | \$1,000.00* |
| Intel Core i7-3920XM @ 2.90GHz |  | 9,152 | \$1,096.00* |
| Intel Xeon E3-1240 V2 @ 3.40GHz |  | 9,145 | \$539.95 |
| Intel Core i5-7600K @ 3.80GHz |  | 9,127 | \$297.99 |
| Intel Xeon E3-1245 V2 @ 3.40GHz |  | 9,126 | \$607.59 |
| Intel Core i7-6820HK @ 2.70GHz |  | 9,118 | NA |
| AMD Opteron 6282 SE |  | 9,116 | \$129.99 |
| Intel Core i7-4790T @ 2.70GHz |  | 9,094 | \$359.00* |
| Intel Core i7-990X @ 3.47GHz |  | 9,083 | \$349.99 |
| Intel Xeon W3680 @ 3.33GHz |  | 9,070 | \$759.95* |
| Intel Xeon E3-1265L v4 @ 2.30GHz |  | 9,060 | NA |
| Intel Xeon E5-1620 @ 3.60GHz |  | 9,055 | \$329.93 |
| Intel Core i7-4900MQ @ 2.80GHz |  | 9,037 | \$586.67* |
| Intel Core i7-6700T @ 2.80GHz |  | 9,034 | \$355.00* |
| AMD FX-8370 Eight-Core |  | 9,028 | \$136.99 |
| Intel Core i7-4850HQ @ 2.30GHz |  | 9,022 | \$434.00* |
| AMD Opteron 6276 |  | 9,011 | \$79.99 |
| AMD Ryzen 7 PRO 2700U |  | 9,011 | NA |
| Intel Xeon E5-2630L v2 @ 2.40GHz | | 9,006 | NA |

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| Intel Core i7-3820 @ 3.60GHz | 8,997 | \$199.99 |
| Intel Core i7-6820EQ @ 2.80GHz | 8,968 | NA |
| Intel Core i5-8305G @ 2.80GHz | 8,968 | NA |
| Intel Xeon E5-2448L v2 @ 1.80GHz | 8,954 | \$1,424.00* |
| Intel Core i7-4770HQ @ 2.20GHz | 8,952 | NA |
| AMD FX-8350 Eight-Core | 8,947 | \$74.99 |
| Intel Xeon E5-2623 v3 @ 3.00GHz | 8,937 | \$404.99* |
| Intel Xeon E3-1505M v5 @ 2.80GHz | 8,924 | NA |
| Intel Xeon X5690 @ 3.47GHz | 8,922 | \$149.00 |
| Intel Core i7-3770S @ 3.10GHz | 8,887 | \$199.99 |
| Intel Xeon E5-2630 @ 2.30GHz | 8,877 | \$118.05* |
| Intel Xeon E3-1275L v3 @ 2.70GHz | 8,874 | NA |
| Intel Xeon E3-1230 V2 @ 3.30GHz | 8,856 | \$352.10 |
| Intel Xeon X5679 @ 3.20GHz | 8,845 | NA |
| Intel Xeon E5-2430 v2 @ 2.50GHz | 8,833 | \$100.00 |
| Intel Core i7-7700HQ @ 2.80GHz | 8,828 | NA |
| AMD Ryzen 5 PRO 2500U | 8,827 | NA |
| Intel Core i7-8650U @ 1.90GHz | 8,824 | NA |
| Intel Core i7-3840QM @ 2.80GHz | 8,787 | \$335.00 |
| Intel Core i7-6820HQ @ 2.70GHz | 8,782 | NA |
| Intel Core i5-7600 @ 3.50GHz | 8,773 | \$239.99 |
| Intel Core i7-980X @ 3.33GHz | 8,764 | \$219.98 |
| Intel Core i7-2700K @ 3.50GHz | 8,709 | \$195.00 |
| Intel Xeon E5-2620 v2 @ 2.10GHz | 8,702 | \$43.28 |
| Intel Xeon E3-1290 @ 3.60GHz | 8,699 | \$885.00* |
| Intel Core i7-6700TE @ 2.40GHz | 8,696 | NA |
| Intel Core i3-8300 @ 3.70GHz | 8,695 | \$186.27* |
| Intel Xeon E3-1268L v5 @ 2.40GHz | 8,695 | \$377.00* |
| Intel Xeon E5-4617 @ 2.90GHz | 8,684 | \$89.90* |
| Intel Xeon E5-2650L @ 1.80GHz | 8,676 | \$79.00 |
| Intel Core i7-980 @ 3.33GHz | 8,665 | \$699.99 |
| Intel Core i7-4810MQ @ 2.80GHz | 8,656 | \$424.95* |
| Intel Xeon E5-2420 v2 @ 2.20GHz | 8,632 | \$209.00 |
| Intel Xeon Silver 4112 @ 2.60GHz | 8,607 | \$529.21* |
| Intel Core i7-4770T @ 2.50GHz | 8,605 | \$399.99 |
| Intel Core i7-4760HQ @ 2.10GHz | 8,595 | NA |
| Intel Xeon X5680 @ 3.33GHz | 8,546 | \$174.90 |
| Intel Core i7-4800MQ @ 2.70GHz | 8,486 | \$509.95* |
| Intel Xeon E3-1280 @ 3.50GHz | 8,473 | \$368.00 |
| Intel Core i7-3820QM @ 2.70GHz | 8,446 | \$486.99* |
| Intel Core i7-2600K @ 3.40GHz | 8,436 | \$189.99 |
| Intel Xeon E5-2643 @ 3.30GHz | 8,423 | \$2,226.00 |
| AMD Ryzen 5 1400 | 8,379 | \$134.99 |
| Intel Core i7-970 @ 3.20GHz | 8,376 | \$149.98 |
| Intel Xeon E5-2623 v4 @ 2.60GHz | 8,368 | \$549.00* |
| Intel Core i7-5700HQ @ 2.70GHz | 8,367 | NA |
| Intel Core i7-3740QM @ 2.70GHz | 8,335 | \$239.95* |
| Intel Xeon E3-1275 @ 3.40GHz | 8,328 | \$304.00 |
| Intel Core i7-8550U @ 1.80GHz | 8,315 | NA |
| Intel Core i5-8265U @ 1.60GHz | 8,279 | \$297.00* |










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| Intel Xeon X5675 @ 3.07GHz | 8,261 | \$79.99 |
| Intel Xeon E5-2450L @ 1.80GHz | 8,261 | \$130.00* |
| 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 | 8,236 | \$297.00* |
| Intel Core i7-4750HQ @ 2.00GHz | 8,234 | NA |
| Intel Core i7-3770T @ 2.50GHz | 8,203 | \$329.99* |
| Intel Core i5-5675C @ 3.10GHz | 8,196 | \$399.99 |
| Intel Core i7-2600 @ 3.40GHz | 8,192 | \$169.99 |
| Intel Core i7-5675C @ 3.10GHz | 8,164 | NA |
| Intel Xeon W3670 @ 3.20GHz | 8,156 | \$499.99 |
| Intel Xeon E3-1225 v6 @ 3.30GHz | 8,144 | \$234.99 |
| 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 | \$189.00* |
| Intel Core i7-3720QM @ 2.60GHz | 8,124 | \$359.00* |
| Intel Core i5-7600T @ 2.80GHz | 8,097 | \$279.95* |
| Intel Core i3-8100 @ 3.60GHz | 8,062 | \$118.99 |
| AMD Ryzen 3 PRO 2200G | 8,060 | NA |
| Intel Core i5-6600K @ 3.50GHz | 8,058 | \$275.00 |
| Intel Xeon D-1559 @ 1.50GHz | 8,055 | NA |
| Intel Core i5-5675R @ 3.10GHz | 8,054 | NA |
| Intel Core i7-4722HQ @ 2.40GHz | 8,052 | NA |
| Intel Core i5-7500 @ 3.40GHz | 8,026 | \$223.82 |
| AMD Ryzen 3 PRO 1300 | 8,022 | NA |
| AMD FX-8320 Eight-Core | 8,019 | \$93.29 |
| Intel Core i7-4720HQ @ 2.60GHz | 8,002 | NA |
| Intel Core i7-4710MQ @ 2.50GHz | 7,999 | \$271.57* |
| Intel Xeon E3-1245 @ 3.30GHz | 7,995 | \$260.00 |
| Intel Xeon E3-1220 v6 @ 3.00GHz | 7,976 | \$229.00 |
| Intel Xeon E3-1240 @ 3.30GHz | 7,958 | \$244.00 |
| Intel Xeon D-1528 @ 1.90GHz | 7,946 | NA |
| AMD Ryzen 5 2400GE | 7,932 | NA |
| Intel Xeon X5670 @ 2.93GHz | 7,920 | \$59.99 |
| Intel Xeon E5-2620 @ 2.00GHz | 7,919 | \$107.91 |
| Intel Core i7-4860EQ @ 1.80GHz | 7,875 | NA |
| Intel Xeon E5-2630L @ 2.00GHz | 7,865 | NA |
| 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 | \$181.00 |
| AMD Ryzen 3 PRO 2200GE | 7,841 | NA |
| Intel Xeon E3-1225 v5 @ 3.30GHz | 7,837 | \$268.04 |
| Intel Xeon E-2104G @ 3.20GHz | 7,825 | \$193.00* |
| AMD Opteron 6328 | 7,813 | \$199.99 |
| AMD FX-8370E Eight-Core | 7,803 | \$259.00 |
| Intel Core i5-4690K @ 3.50GHz | 7,796 | \$209.99 |
| Intel Xeon E3-1240L v5 @ 2.10GHz | 7,793 | \$278.00* |
| Intel Core i5-6600 @ 3.30GHz | 7,768 | \$249.00 |
| AMD FX-8310 Eight-Core | 7,758 | NA |
| Intel Xeon E3-1220 v5 @ 3.00GHz | 7,740 | \$253.89 |

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|-----------------------------------|---|-------|-----------|
| Intel Xeon E3-1265L V2 @ 2.50GHz |  | 7,739 | \$142.42* |
| Intel Core i7-4710HQ @ 2.50GHz |  | 7,732 | NA |
| Intel Xeon D-1537 @ 1.70GHz |  | 7,731 | \$571.00* |
| AMD FX-8300 Eight-Core |  | 7,726 | \$95.94 |
| Intel Core i7-4700HQ @ 2.40GHz |  | 7,723 | \$383.00* |
| Intel Core i5-7440HQ @ 2.80GHz |  | 7,700 | NA |
| Intel Core i7-4700MQ @ 2.40GHz |  | 7,690 | \$189.00* |
| Intel Xeon E3-1235 @ 3.20GHz |  | 7,680 | \$244.00 |
| Intel Core i5-8250U @ 1.60GHz |  | 7,674 | NA |
| AMD Opteron 6238 |  | 7,673 | \$59.99 |
| AMD Ryzen Embedded V1605B |  | 7,667 | NA |
| Intel Core i5-4690 @ 3.50GHz |  | 7,665 | \$199.99 |
| Intel Core i3-8300T @ 3.20GHz |  | 7,650 | \$229.99* |
| Intel Core i5-4670K @ 3.40GHz |  | 7,635 | \$249.99 |
| AMD FX-8150 Eight-Core |  | 7,630 | \$383.50* |
| Intel Core i7-4785T @ 2.20GHz |  | 7,611 | NA |
| Intel Xeon X5660 @ 2.80GHz |  | 7,610 | \$98.09 |
| Intel Core i7-3630QM @ 2.40GHz |  | 7,584 | \$239.00* |
| AMD FX-8320E Eight-Core |  | 7,546 | \$97.08 |
| Intel Xeon E3-1226 v3 @ 3.30GHz |  | 7,538 | \$563.00 |
| Intel Xeon E3-1240L v3 @ 2.00GHz |  | 7,510 | NA |
| Intel Core i7-4712HQ @ 2.30GHz |  | 7,508 | NA |
| AMD Opteron 6366 HE |  | 7,503 | \$199.99 |
| Intel Core i3-8100T @ 3.10GHz |  | 7,503 | \$139.00* |
| AMD Ryzen 3 1300X |  | 7,487 | \$134.99 |
| Intel Core i7-3610QM @ 2.30GHz |  | 7,465 | \$399.99* |
| Intel Core i5-4670 @ 3.40GHz |  | 7,448 | \$188.99 |
| Intel Xeon W-2104 @ 3.20GHz |  | 7,439 | \$255.00* |
| Intel Core i5-5575R @ 2.80GHz |  | 7,434 | NA |
| Intel Xeon E5-1410 v2 @ 2.80GHz |  | 7,430 | NA |
| Intel Core i7-4702HQ @ 2.20GHz |  | 7,428 | NA |
| Intel Core i5-4690S @ 3.20GHz |  | 7,428 | \$271.51* |
| Intel Xeon E5-2648L @ 1.80GHz |  | 7,426 | NA |
| Intel Core i5-4670R @ 3.00GHz |  | 7,419 | \$276.00* |
| Intel Core i5-4670K CPT @ 3.40GHz |  | 7,411 | NA |
| Intel Xeon X5650 @ 2.67GHz |  | 7,404 | \$27.79 |
| Intel Core i7-3615QM @ 2.30GHz |  | 7,382 | NA |
| Intel Core i7-3615QE @ 2.30GHz |  | 7,340 | NA |
| Intel Core i5-7400 @ 3.00GHz |  | 7,337 | \$209.99 |
| AMD Ryzen 7 2700U |  | 7,333 | NA |
| AMD Ryzen 3 2200G |  | 7,326 | \$99.57 |
| AMD Ryzen 5 2500U |  | 7,314 | NA |
| Intel Xeon E5-1410 @ 2.80GHz |  | 7,312 | NA |
| Intel Core i5-6600T @ 2.70GHz |  | 7,310 | \$191.99 |
| Intel Core i5-4590 @ 3.30GHz |  | 7,309 | \$189.98 |
| Intel Core i5-4670S @ 3.10GHz |  | 7,308 | \$213.00* |
| 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 | | 7,243 | \$234.38 |

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|----------------------------------|---|-------|-----------|
| Intel Xeon E3-1230L v3 @ 1.80GHz |  | 7,231 | \$287.90* |
| Intel Xeon E3-1225 v3 @ 3.20GHz |  | 7,209 | \$458.34* |
| Intel Core i7-4712MQ @ 2.30GHz |  | 7,201 | NA |
| Intel Core i7-2960XM @ 2.70GHz |  | 7,200 | \$409.95* |
| AMD Ryzen 3 PRO 2300U |  | 7,196 | NA |
| AMD Ryzen Embedded V1807B |  | 7,185 | NA |
| Intel Core i7-4700EQ @ 2.40GHz |  | 7,180 | NA |
| Intel Core i5-3570K @ 3.40GHz |  | 7,173 | \$139.00 |
| Intel Core i5-4570 @ 3.20GHz |  | 7,128 | \$174.99 |
| Intel Core i7-4702MQ @ 2.20GHz |  | 7,126 | \$336.25* |
| Intel Core i5-3570 @ 3.40GHz |  | 7,113 | \$129.00 |
| Intel Core i5-6402P @ 2.80GHz |  | 7,110 | \$189.99* |
| Intel Xeon E3-1220 v3 @ 3.10GHz |  | 7,109 | \$409.95 |
| Intel Xeon E3-1505L v5 @ 2.00GHz |  | 7,082 | NA |
| Intel Xeon X5687 @ 3.60GHz |  | 7,081 | \$58.49 |
| Intel Core i7-2600S @ 2.80GHz |  | 7,075 | \$199.99 |
| AMD Ryzen 3 PRO 1200 |  | 7,069 | NA |
| Intel Xeon E5-2420 @ 1.90GHz |  | 7,045 | \$390.02 |
| Intel Core i7-2920XM @ 2.50GHz |  | 7,042 | \$608.95* |
| Intel Core i5-4590S @ 3.00GHz |  | 7,039 | \$195.99 |
| Intel Core i5-7500T @ 2.70GHz |  | 7,031 | \$236.25* |
| Intel Xeon W-2102 @ 2.90GHz |  | 7,030 | \$337.99* |
| AMD FX-6350 Six-Core |  | 7,001 | \$129.99 |
| Intel Core i7-2860QM @ 2.50GHz |  | 6,990 | \$599.99* |
| Intel Xeon X5677 @ 3.47GHz |  | 6,982 | \$105.00* |
| Intel Xeon D-1521 @ 2.40GHz |  | 6,980 | NA |
| Intel Core i5-3550 @ 3.30GHz |  | 6,950 | \$329.95 |
| Intel Xeon E5-1607 v3 @ 3.10GHz |  | 6,947 | NA |
| Intel Core i7-3632QM @ 2.20GHz |  | 6,940 | \$238.11* |
| Intel Xeon E5649 @ 2.53GHz |  | 6,936 | \$115.00* |
| AMD FX-6330 Six-Core |  | 6,916 | NA |
| Intel Xeon E5-2609 v4 @ 1.70GHz |  | 6,915 | \$359.73* |
| Intel Core i5-3550S @ 3.00GHz |  | 6,910 | \$341.01* |
| Intel Xeon E5-2430 @ 2.20GHz |  | 6,878 | \$728.95* |
| Intel Xeon E3-1225 V2 @ 3.20GHz |  | 6,873 | \$301.00 |
| Intel Xeon L5639 @ 2.13GHz |  | 6,835 | NA |
| Intel Core i7-3612QM @ 2.10GHz |  | 6,820 | NA |
| AMD Ryzen 3 2200GE |  | 6,807 | NA |
| Intel Core i5-7300HQ @ 2.50GHz |  | 6,805 | NA |
| Intel Core i5-4570S @ 2.90GHz |  | 6,791 | \$409.95 |
| Intel Core i5-6440HQ @ 2.60GHz |  | 6,791 | NA |
| AMD Opteron 6220 |  | 6,785 | \$59.99 |
| Intel Core i7-2840QM @ 2.40GHz |  | 6,766 | NA |
| AMD Opteron 4386 |  | 6,761 | \$139.99 |
| Intel Core i5-6400 @ 2.70GHz |  | 6,760 | \$209.99 |
| Intel Core i5-3570S @ 3.10GHz |  | 6,756 | \$285.00* |
| Intel Core i5-4570R @ 2.70GHz |  | 6,753 | NA |
| AMD Opteron 6272 |  | 6,748 | \$658.89* |
| AMD Ryzen 3 1200 |  | 6,744 | \$94.99 |
| Intel Core i7-4770TE @ 2.30GHz | | 6,732 | NA |

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|----------------------------------|---|-------|-------------|
| Intel Core i5-4460 @ 3.20GHz |  | 6,711 | \$149.00 |
| Intel Core i5-3470 @ 3.20GHz |  | 6,702 | \$99.00 |
| Intel Xeon E3-1220 V2 @ 3.10GHz |  | 6,686 | \$329.11 |
| Intel Core i7-3612QE @ 2.10GHz |  | 6,673 | NA |
| Intel Core i7-3635QM @ 2.40GHz |  | 6,671 | NA |
| Intel Core i5-2550K @ 3.40GHz |  | 6,664 | \$129.99 |
| AMD Opteron 4284 |  | 6,660 | \$59.99 |
| Intel Core i7-985 @ 3.47GHz |  | 6,641 | NA |
| Intel Core i7-2820QM @ 2.30GHz |  | 6,635 | \$355.95* |
| Intel Xeon E5-2430L v2 @ 2.40GHz |  | 6,627 | NA |
| Intel Core i3-7350K @ 4.20GHz |  | 6,623 | \$210.85 |
| Intel Core i5-3475S @ 2.90GHz |  | 6,614 | \$143.50* |
| AMD FX-8120 Eight-Core |  | 6,597 | \$99.99 |
| Intel Core i7-2760QM @ 2.40GHz |  | 6,573 | \$139.95 |
| Intel Core i3-7320 @ 4.10GHz |  | 6,541 | \$192.05 |
| Intel Xeon E3-1260L @ 2.40GHz |  | 6,534 | \$85.62 |
| Intel Core i5-3450 @ 3.10GHz |  | 6,527 | \$126.99 |
| Intel Core i5-4440 @ 3.10GHz |  | 6,502 | \$169.99 |
| Intel Core i7-7567U @ 3.50GHz |  | 6,497 | NA |
| Intel Core i5-6500TE @ 2.30GHz |  | 6,496 | \$209.99 |
| Intel Xeon E5645 @ 2.40GHz |  | 6,480 | \$88.98 |
| Intel Core i5-4690T @ 2.50GHz |  | 6,478 | NA |
| Intel Core i5-2500K @ 3.30GHz |  | 6,477 | \$123.99 |
| Intel Xeon E3-1235L v5 @ 2.00GHz |  | 6,470 | NA |
| Intel Core i7-3610QE @ 2.30GHz |  | 6,451 | NA |
| Intel Core i3-7300 @ 4.00GHz |  | 6,442 | \$181.82* |
| Intel Xeon W3580 @ 3.33GHz |  | 6,433 | \$214.50* |
| Intel Core i5-7400T @ 2.40GHz |  | 6,431 | \$189.00 |
| AMD Opteron 4280 |  | 6,430 | \$49.99 |
| Intel Core i7-6822EQ @ 2.00GHz |  | 6,427 | NA |
| Intel Xeon E5-1603 v4 @ 2.80GHz |  | 6,420 | NA |
| Intel Xeon X5672 @ 3.20GHz |  | 6,419 | \$283.72* |
| Intel Core i5-4460S @ 2.90GHz |  | 6,408 | \$659.99* |
| AMD FX-6300 Six-Core |  | 6,384 | \$65.50 |
| AMD Opteron 3380 |  | 6,384 | \$809.00* |
| Intel Core i5-3470S @ 2.90GHz |  | 6,362 | \$142.00 |
| Intel Xeon L5640 @ 2.27GHz |  | 6,358 | \$42.99* |
| Intel Core i5-2500 @ 3.30GHz |  | 6,332 | \$88.99 |
| Intel Core i5-4430 @ 3.00GHz |  | 6,320 | \$179.99 |
| Intel Xeon X5667 @ 3.07GHz |  | 6,291 | \$79.00 |
| AMD Ryzen 3 2300U |  | 6,277 | NA |
| Intel Core i5-6500T @ 2.50GHz |  | 6,272 | NA |
| Intel Core i5-4440S @ 2.80GHz |  | 6,217 | \$462.97* |
| AMD FX-6130 Six-Core |  | 6,215 | NA |
| Intel Core i5-3450S @ 2.80GHz |  | 6,212 | \$99.99 |
| Intel Core i5-4670T @ 2.30GHz |  | 6,206 | \$213.00* |
| AMD PRO A12-9800 |  | 6,199 | \$169.00* |
| Intel Xeon E5-1607 v2 @ 3.00GHz |  | 6,199 | \$313.00* |
| Intel Xeon W5590 @ 3.33GHz |  | 6,183 | \$2,508.95* |
| AMD Opteron 6174 | | 6,171 | \$99.00 |

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|---------------------------------|---|-------|-----------|
| Intel Core i3-8109U @ 3.00GHz |  | 6,164 | NA |
| Intel Xeon E5-1603 v3 @ 2.80GHz |  | 6,163 | NA |
| Intel Core i5-3350P @ 3.10GHz |  | 6,146 | \$149.99 |
| Intel Core i5-2450P @ 3.20GHz |  | 6,132 | \$89.99 |
| Intel Core i7-975 @ 3.33GHz |  | 6,129 | \$179.99 |
| AMD FX-6200 Six-Core |  | 6,124 | \$339.95 |
| Intel Core i7-2720QM @ 2.20GHz |  | 6,119 | \$189.95* |
| Intel Xeon E3-1220 @ 3.10GHz |  | 6,100 | \$190.00 |
| AMD Opteron 4334 |  | 6,099 | \$216.42* |
| Intel Core i5-3340 @ 3.10GHz |  | 6,089 | \$262.01 |
| Intel Core i5-6300HQ @ 2.30GHz |  | 6,083 | NA |
| Intel Xeon W3570 @ 3.20GHz |  | 6,080 | \$479.95* |
| AMD PRO A12-8870 |  | 6,067 | NA |
| Intel Core i7-7660U @ 2.50GHz |  | 6,049 | NA |
| Intel Core i3-6320 @ 3.90GHz |  | 6,047 | \$184.37 |
| Intel Xeon E3-1265L @ 2.40GHz |  | 6,038 | \$918.35* |
| AMD FX-8100 Eight-Core |  | 6,036 | \$142.00* |
| AMD FX-8140 Eight-Core |  | 6,033 | NA |
| Intel Xeon X5647 @ 2.93GHz |  | 5,980 | \$199.75* |
| AMD Opteron 3365 |  | 5,963 | NA |
| Intel Core i5-2400 @ 3.10GHz |  | 5,960 | \$74.99 |
| Intel Core i5-7360U @ 2.30GHz |  | 5,957 | NA |
| Intel Xeon W3565 @ 3.20GHz |  | 5,943 | \$69.95* |
| Intel Xeon E5-2609 v3 @ 1.90GHz |  | 5,940 | \$619.04 |
| AMD Opteron 6234 |  | 5,938 | \$69.99* |
| Intel Core i5-3330 @ 3.00GHz |  | 5,933 | \$309.99 |
| Intel Core i5-4430S @ 2.70GHz |  | 5,916 | \$159.99 |
| Intel Xeon E3-1225 @ 3.10GHz |  | 5,910 | \$175.00* |
| Intel Core i5-3570T @ 2.30GHz |  | 5,901 | NA |
| Intel Core i7-2670QM @ 2.20GHz |  | 5,884 | \$139.00 |
| Intel Core i7-7560U @ 2.40GHz |  | 5,864 | NA |
| Intel Xeon E5-1607 @ 3.00GHz |  | 5,857 | \$21.99* |
| Intel Core i7-965 @ 3.20GHz |  | 5,856 | \$139.99 |
| AMD PRO A10-8850B |  | 5,852 | NA |
| Intel Core i3-6300 @ 3.80GHz |  | 5,852 | \$177.99 |
| Intel Core i5-3340S @ 2.80GHz |  | 5,846 | \$149.99 |
| Intel Xeon W5580 @ 3.20GHz |  | 5,836 | \$107.03* |
| Intel Core i7-960 @ 3.20GHz |  | 5,813 | \$99.99 |
| Intel Core i5-3335S @ 2.70GHz |  | 5,788 | NA |
| Intel Core i3-7100 @ 3.90GHz |  | 5,783 | \$159.69 |
| Intel Core i5-6440EQ @ 2.70GHz |  | 5,778 | NA |
| AMD Opteron 6212 |  | 5,776 | \$29.99 |
| Intel Core i7-2710QE @ 2.10GHz |  | 5,768 | NA |
| Intel Core i5-2320 @ 3.00GHz |  | 5,762 | \$259.95* |
| Intel Xeon D-1520 @ 2.20GHz |  | 5,755 | NA |
| AMD FX-6120 Six-Core |  | 5,731 | NA |
| Intel Core i5-2380P @ 3.10GHz |  | 5,729 | \$89.99 |
| AMD A10-7890K |  | 5,727 | \$199.99 |
| AMD Phenom II X6 1100T |  | 5,725 | \$177.49 |
| AMD PRO A10-8770 | | 5,707 | NA |

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|------------------------------------|---|-------|-----------|
| Intel Pentium Gold G5600 @ 3.90GHz |  | 5,696 | \$156.03 |
| Intel Xeon W3550 @ 3.07GHz |  | 5,696 | \$59.95* |
| Intel Core i5-7260U @ 2.20GHz |  | 5,680 | NA |
| Intel Xeon X5570 @ 2.93GHz |  | 5,679 | \$89.00* |
| Intel Core i5-3330S @ 2.70GHz |  | 5,677 | \$94.99 |
| AMD PRO A10-9700 |  | 5,677 | \$169.00* |
| Intel Xeon Bronze 3104 @ 1.70GHz |  | 5,664 | \$234.89 |
| Intel Xeon X3480 @ 3.07GHz |  | 5,657 | NA |
| Intel Core i5-7287U @ 3.30GHz |  | 5,656 | NA |
| Intel Core i7-6567U @ 3.30GHz |  | 5,648 | NA |
| AMD PRO A10-8750B |  | 5,646 | NA |
| AMD Opteron 4332 HE |  | 5,614 | NA |
| Intel Core i3-8145U @ 2.10GHz |  | 5,610 | \$281.00* |
| Intel Core i5-4590T @ 2.00GHz |  | 5,607 | NA |
| Intel Core i5-6400T @ 2.20GHz |  | 5,606 | \$192.00 |
| Intel Core i3-4370 @ 3.80GHz |  | 5,599 | \$415.00 |
| AMD A10-8850 |  | 5,598 | NA |
| AMD Phenom II X6 1090T |  | 5,580 | \$396.08* |
| Intel Xeon L5638 @ 2.00GHz |  | 5,556 | \$69.90* |
| Intel Xeon E5-1603 @ 2.80GHz |  | 5,554 | \$262.59 |
| Intel Core i7-950 @ 3.07GHz |  | 5,551 | \$329.99 |
| Intel Core i7-880 @ 3.07GHz |  | 5,542 | \$583.00* |
| Intel Core i5-2310 @ 2.90GHz |  | 5,539 | \$79.98 |
| AMD Athlon X4 880K |  | 5,535 | \$99.99 |
| Intel Core i7-2675QM @ 2.20GHz |  | 5,533 | NA |
| Intel Core i7-2630QM @ 2.00GHz |  | 5,530 | \$108.24* |
| AMD A12-9800 |  | 5,515 | \$129.99 |
| Intel Core i3-6100 @ 3.70GHz |  | 5,490 | \$149.00 |
| AMD A10-7850K APU |  | 5,477 | \$129.99 |
| AMD A10-7870K |  | 5,473 | \$249.99 |

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