

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/i9 CPUs, AMD Ryzen/Threadripper CPUs and AMD Epyc with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

CPU Mark

Price Performance

PassMark - CPU Mark

High End CPUs

Updated 2nd of February 2022

| CPU | CPU Mark | Price (USD) |
|-----------------------------------|------------------------|-----------------------------|
| AMD EPYC 7763 | 87,767 | \$7,890.00* |
| AMD EPYC 7J13 | 86,006 | NA |
| AMD EPYC 7713 | 85,947 | \$7,060.00* |
| AMD Ryzen Threadripper PRO 3995WX | 85,073 | \$6,614.99 |
| AMD Ryzen Threadripper 3990X | 81,091 | \$5,154.00* |
| AMD EPYC 7B13 | 77,460 | NA |
| AMD EPYC 7643 | 76,455 | \$5,424.99* |
| AMD EPYC 7702 | 71,677 | \$5,895.00 |
| AMD EPYC 7662 | 71,576 | \$6,837.00 |
| AMD EPYC 7742 | 68,749 | \$5,825.00 |
| AMD EPYC 75F3 | 68,505 | NA |
| AMD EPYC 7543P | 67,733 | \$2,999.00 |
| AMD EPYC 7R32 | 64,727 | NA |
| AMD Ryzen Threadripper 3970X | 64,011 | \$2,750.00 |
| AMD Ryzen Threadripper PRO 3975WX | 62,775 | \$3,499.00 |

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| AMD EPYC 7702P | | 58,119 | \$4,324.99 |
| AMD EPYC 7443P | | 58,047 | \$1,499.00 |

CPU Benchmarks ▼

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|-------------------------------------|--|--------|-------------|
| AMD EPYC 7542 | | 56,728 | \$2,499.99 |
| AMD EPYC 7532 | | 55,358 | NA |
| AMD Ryzen Threadripper 3960X | | 54,737 | \$1,787.81 |
| Intel Xeon Platinum 8358 @ 2.60GHz | | 54,416 | \$4,455.00* |
| Intel Xeon Gold 6348 @ 2.60GHz | | 53,112 | \$3,190.00 |
| AMD EPYC 7402 | | 51,368 | \$2,457.00 |
| AMD EPYC 7502 | | 49,177 | \$3,395.00 |
| Intel Xeon Gold 6342 @ 2.80GHz | | 48,330 | \$3,086.00* |
| AMD EPYC 7502P | | 47,070 | \$2,950.00 |
| AMD EPYC 7413 | | 46,295 | \$1,997.99* |
| AMD Ryzen 9 5950X | | 46,166 | \$684.97 |
| AMD EPYC 73F3 | | 46,085 | \$3,521.00* |
| AMD EPYC 7543 | | 45,978 | \$3,761.00* |
| AMD EPYC 7343 | | 45,882 | \$1,565.00* |
| Intel Xeon Gold 6336Y @ 2.40GHz | | 45,517 | \$2,380.14 |
| Intel Xeon Gold 6312U @ 2.40GHz | | 43,745 | \$1,450.00* |
| Intel Xeon Gold 6330 @ 2.00GHz | | 43,056 | \$1,925.00 |
| AMD EPYC 7452 | | 41,871 | \$3,250.00 |
| AMD EPYC 7402P | | 41,741 | \$4,298.95 |
| Intel Xeon W-3275M @ 2.50GHz | | 41,582 | \$7,453.00* |
| Intel Xeon Gold 6354 @ 3.00GHz | | 41,434 | \$2,778.60* |
| AMD EPYC 7F52 | | 40,951 | \$3,100.00* |
| Intel Core i9-12900KF | | 40,565 | \$620.95 |
| AMD EPYC 7352 | | 40,472 | \$2,571.62 |
| Intel Core i9-12900K | | 40,340 | \$616.99 |
| AMD Ryzen Threadripper PRO 3955WX | | 40,222 | \$1,452.08 |
| AMD EPYC 7313 | | 39,829 | \$1,083.00* |
| Intel Xeon W-3265M @ 2.70GHz | | 39,765 | \$6,353.00* |
| AMD Ryzen 9 5900X | | 39,488 | \$533.18 |
| AMD Ryzen 9 3950X | | 39,169 | \$896.95 |
| Intel Xeon Gold 6248R @ 3.00GHz | | 38,604 | \$3,095.00* |
| AMD EPYC 7313P | | 38,537 | \$913.00* |
| ARM Neoverse-N1 80 Core 3000 MHz | | 38,122 | NA |
| ARM Neoverse-N1 80 Core 0 MHz | | 37,809 | NA |
| Intel Xeon Gold 6346 @ 3.10GHz | | 37,609 | \$2,395.00 |
| Intel Xeon Platinum 8280 @ 2.70GHz | | 37,575 | \$9,194.21 |
| Intel Xeon Silver 4316 @ 2.30GHz | | 37,264 | \$1,159.99 |
| Intel Xeon Gold 6238R @ 2.20GHz | | 37,171 | \$2,766.72 |
| Intel Xeon W-3175X @ 3.10GHz | | 37,167 | \$3,099.00 |
| Intel Xeon Gold 6326 @ 2.90GHz | | 35,860 | \$1,567.98 |
| AMD Ryzen 9 5900 | | 35,664 | NA |
| Intel Xeon Gold 6242R @ 3.10GHz | | 35,505 | \$2,744.00 |
| Intel Xeon Platinum 8260M @ 2.30GHz | | 33,970 | \$7,705.00* |
| Intel Core i9-10980XE @ 3.00GHz | | 33,599 | \$999.99 |
| AMD Ryzen Threadripper PRO 3945WX | | 33,142 | NA |

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|-----------------------|-------------|------------------------|---------------------------|
| Intel Core i7-12700KF | <div></div> | 33,353 | \$389.98 |
| Intel Core i7-12700K | <div></div> | 33,105 | \$409.00* |

CPU Benchmarks



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|--------------------------------------|-------------|------------------------|-----------------------------|
| AMD Ryzen 9 3900XT | <div></div> | 32,883 | \$889.99 |
| AMD Ryzen 9 3900X | <div></div> | 32,787 | \$537.00 |
| Intel Xeon Platinum 8168 @ 2.70GHz | <div></div> | 32,616 | \$7,894.95 |
| AMD EPYC 7302P | <div></div> | 32,480 | \$2,089.95 |
| Intel Xeon Gold 6252 @ 2.10GHz | <div></div> | 32,410 | \$3,850.00 |
| AMD Ryzen Threadripper 2990WX | <div></div> | 32,392 | \$2,366.76* |
| Intel Core i7-12700 | <div></div> | 32,111 | \$339.00* |
| Intel Core i9-9980XE @ 3.00GHz | <div></div> | 32,072 | \$1,647.20 |
| AMD EPYC 7401P | <div></div> | 31,767 | \$844.39* |
| Intel Core i7-12700F | <div></div> | 31,757 | \$354.99 |
| Intel Xeon W-2295 @ 3.00GHz | <div></div> | 31,715 | \$1,333.00* |
| AMD EPYC 7282 | <div></div> | 31,502 | \$1,715.00 |
| Intel Xeon Platinum 8259CL @ 2.50GHz | <div></div> | 31,500 | NA |
| AMD Ryzen 9 PRO 3900 | <div></div> | 31,484 | NA |
| Intel Core i9-9960X @ 3.10GHz | <div></div> | 31,144 | \$1,047.00 |
| AMD EPYC 7371 | <div></div> | 31,094 | \$1,808.99* |
| AMD Ryzen 9 3900 | <div></div> | 30,699 | \$634.00* |
| Intel Xeon Gold 6253CL @ 3.10GHz | <div></div> | 30,616 | NA |
| Intel Xeon Silver 4314 @ 2.40GHz | <div></div> | 30,536 | \$749.99 |
| Intel Xeon Gold 6230R @ 2.10GHz | <div></div> | 30,391 | \$2,149.95 |
| Intel Xeon W-3245 @ 3.20GHz | <div></div> | 30,246 | \$2,649.99 |
| Intel Core i9-9990XE @ 4.00GHz | <div></div> | 30,162 | \$2,163.00* |
| Intel Xeon Gold 6246R @ 3.40GHz | <div></div> | 30,145 | \$3,295.43 |
| Intel Xeon W-3265 @ 2.70GHz | <div></div> | 30,105 | \$4,551.37* |
| Intel Xeon Platinum 8268 @ 2.90GHz | <div></div> | 30,103 | \$6,005.98* |
| AMD Ryzen Threadripper 2950X | <div></div> | 29,833 | \$999.99 |
| Intel Core i9-7980XE @ 2.60GHz | <div></div> | 29,537 | \$1,499.00 |
| AMD Ryzen Threadripper 2970WX | <div></div> | 29,394 | \$995.00 |
| Intel Xeon Gold 6254 @ 3.10GHz | <div></div> | 29,356 | \$3,698.99 |
| Intel Xeon Gold 6210U @ 2.50GHz | <div></div> | 28,915 | \$1,740.54* |
| Intel Xeon W-2191B @ 2.30GHz | <div></div> | 28,797 | NA |
| Intel Core i9-10940X @ 3.30GHz | <div></div> | 28,634 | \$836.99 |
| Intel Xeon Gold 5317 @ 3.00GHz | <div></div> | 28,580 | \$1,204.99 |
| AMD Ryzen 7 5800X | <div></div> | 28,435 | \$349.98 |
| Intel Core i9-9940X @ 3.30GHz | <div></div> | 28,427 | \$1,096.14 |
| Intel Xeon W-2275 @ 3.30GHz | <div></div> | 27,933 | \$1,112.00* |
| AMD Ryzen Threadripper 1950X | <div></div> | 27,816 | \$999.99* |
| Intel Xeon Gold 6148 @ 2.40GHz | <div></div> | 27,741 | \$2,852.13 |
| Intel Xeon Gold 6238 @ 2.10GHz | <div></div> | 27,617 | \$2,595.00 |
| Intel Xeon Gold 6212U @ 2.40GHz | <div></div> | 27,470 | \$2,000.00* |
| AMD EPYC 7571 | <div></div> | 27,445 | NA |
| Intel Xeon Platinum 8173M @ 2.00GHz | <div></div> | 27,377 | NA |
| Intel Xeon W-2195 @ 2.30GHz | <div></div> | 27,325 | \$1,983.82* |
| Intel Core i5-12600KF | <div></div> | 27,044 | \$291.23 |

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|--------------------------------|-------------|--------|----------|
| Intel Core i5-12600K | <div></div> | 26,854 | \$309.95 |
| Intel Core i9-10920X @ 3.50GHz | <div></div> | 26,700 | \$699.99 |


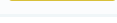


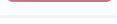






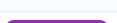
CPU Benchmarks

| | | | |
|-------------------------------------|-------------|--------|-------------|
| Intel Xeon Platinum 8175M @ 2.50GHz | <div></div> | 26,659 | NA |
| Intel Xeon Gold 6230 @ 2.10GHz | <div></div> | 26,657 | \$1,956.99 |
| Intel Core i9-7940X @ 3.10GHz | <div></div> | 26,530 | \$800.00 |
| Intel Xeon Platinum 8160 @ 2.10GHz | <div></div> | 26,485 | \$3,775.44 |
| AMD Ryzen Threadripper 2990X | <div></div> | 26,469 | NA |
| Intel Xeon Gold 6154 @ 3.00GHz | <div></div> | 26,458 | \$3,395.00 |
| AMD EPYC 7272 | <div></div> | 26,446 | \$2,985.95 |
| Intel Xeon Gold 6242 @ 2.80GHz | <div></div> | 26,288 | \$2,465.14 |
| Intel Xeon E5-2698R v4 @ 2.20GHz | <div></div> | 26,198 | NA |
| Intel Xeon W-3235 @ 3.30GHz | <div></div> | 25,974 | \$1,539.30* |
| Intel Core i9-12900F | <div></div> | 25,884 | \$835.00 |
| Intel Xeon W-3323 @ 3.50GHz | <div></div> | 25,875 | \$949.00* |
| Intel Xeon W-2265 @ 3.50GHz | <div></div> | 25,866 | \$944.00* |
| Intel Xeon W-1390P @ 3.50GHz | <div></div> | 25,810 | NA |
| Intel Xeon E-2388G @ 3.20GHz | <div></div> | 25,777 | \$539.00* |
| Intel Xeon Gold 5220 @ 2.20GHz | <div></div> | 25,740 | \$1,632.87 |
| AMD Ryzen 7 5800 | <div></div> | 25,738 | NA |
| Intel Core i9-11900KF @ 3.50GHz | <div></div> | 25,689 | \$469.99 |
| Intel Core i9-11900K @ 3.50GHz | <div></div> | 25,621 | \$489.99 |
| AMD Ryzen Threadripper 2920X | <div></div> | 25,522 | \$761.00* |
| Intel Xeon Platinum 8167M @ 2.00GHz | <div></div> | 25,396 | NA |
| Intel Core i9-9920X @ 3.50GHz | <div></div> | 25,229 | \$1,419.95 |
| AMD Ryzen 7 PRO 5750G | <div></div> | 25,215 | NA |
| Intel Xeon W-1370P @ 3.60GHz | <div></div> | 25,202 | \$439.99 |
| Intel Xeon Gold 5218R @ 2.10GHz | <div></div> | 25,191 | \$1,463.64 |
| Intel Core i7-11700K @ 3.60GHz | <div></div> | 24,984 | \$349.99 |
| AMD EPYC 7501 | <div></div> | 24,925 | \$3,616.00* |
| Intel Xeon Gold 6138T @ 2.00GHz | <div></div> | 24,800 | \$7,136.00 |
| Intel Xeon Gold 6143 @ 2.80GHz | <div></div> | 24,786 | NA |
| Intel Xeon W-2170B @ 2.50GHz | <div></div> | 24,745 | NA |
| AMD Ryzen 7 5700G | <div></div> | 24,629 | \$308.97 |
| Intel Xeon W-1370 @ 2.90GHz | <div></div> | 24,511 | \$370.99 |
| Intel Xeon Gold 6150 @ 2.70GHz | <div></div> | 24,489 | \$2,454.18 |
| Intel Xeon Gold 6246 @ 3.30GHz | <div></div> | 24,446 | \$3,113.22* |
| Intel Xeon E5-2699 v4 @ 2.20GHz | <div></div> | 24,415 | \$5,924.12* |
| Intel Core i7-11700KF @ 3.60GHz | <div></div> | 24,318 | \$295.00 |
| Intel Xeon Gold 6248 @ 2.50GHz | <div></div> | 24,234 | \$2,083.95 |
| Intel Xeon W-11955M @ 2.60GHz | <div></div> | 24,231 | \$623.00* |
| Intel Xeon E5-2696 v3 @ 2.30GHz | <div></div> | 24,224 | \$2,498.00* |
| Intel Core i9-11900F @ 2.50GHz | <div></div> | 24,210 | \$409.99 |
| Intel Xeon Gold 6138 @ 2.00GHz | <div></div> | 24,115 | \$1,498.00 |
| Intel Core i9-11900KB @ 3.30GHz | <div></div> | 24,048 | \$539.00* |
| AMD EPYC 7551P | <div></div> | 23,927 | \$899.00 |
| Intel Core i9-10900K @ 3.70GHz | <div></div> | 23,883 | \$443.89 |

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|--|-------------|--------|-------------|
| Intel Core i9-10900KF @ 3.70GHz | <div></div> | 23,707 | \$434.34 |
| Intel Xeon W-1390 @ 2.80GHz | <div></div> | 23,635 | \$499.99 |
| <div> <div></div> <div>CPU Benchmarks</div> <div></div> </div> | | | |
| AMD EPYC 7351 | <div></div> | 23,566 | \$530.86* |
| Apple M1 Pro 10 Core 3200 MHz | <div></div> | 23,553 | NA |
| Intel Xeon E5-2679 v4 @ 2.50GHz | <div></div> | 23,512 | \$2,702.00* |
| Intel Core i9-11900 @ 2.50GHz | <div></div> | 23,482 | \$439.99 |
| Apple M1 Max 10 Core 3200 MHz | <div></div> | 23,468 | NA |
| Intel Xeon W-1290P @ 3.70GHz | <div></div> | 23,462 | \$629.40 |
| AMD Ryzen 9 5980HX | <div></div> | 23,433 | NA |
| Intel Xeon Gold 6146 @ 3.20GHz | <div></div> | 23,432 | \$3,075.00 |
| Intel Core i9-11980HK @ 2.60GHz | <div></div> | 23,343 | \$583.00* |
| AMD Ryzen 7 3800X | <div></div> | 23,296 | \$334.99 |
| Intel Core i9-7920X @ 2.90GHz | <div></div> | 23,266 | \$375.00 |
| Intel Core i9-10850K @ 3.60GHz | <div></div> | 23,231 | \$493.25 |
| AMD Ryzen 9 5900HX | <div></div> | 23,230 | NA |
| Intel Xeon W-2175 @ 2.50GHz | <div></div> | 23,215 | \$395.00* |
| Intel Xeon Platinum 8176 @ 2.10GHz | <div></div> | 23,179 | \$2,793.70* |
| AMD Ryzen Threadripper 1920X | <div></div> | 23,115 | \$299.99* |
| AMD EPYC 7F32 | <div></div> | 23,026 | NA |
| AMD EPYC 7551 | <div></div> | 23,002 | \$2,974.12* |
| Intel Core i7-11700B @ 3.20GHz | <div></div> | 22,922 | NA |
| Intel Xeon E5-2696 v4 @ 2.20GHz | <div></div> | 22,810 | \$2,787.99 |
| Intel Core i9-10900X @ 3.70GHz | <div></div> | 22,783 | \$550.00 |
| AMD Ryzen 7 3700X | <div></div> | 22,754 | \$349.95 |
| Intel Xeon Gold 6140 @ 2.30GHz | <div></div> | 22,733 | \$1,000.00 |
| AMD Ryzen 7 PRO 3700 | <div></div> | 22,687 | \$329.99* |
| Intel Core i9-11950H @ 2.60GHz | <div></div> | 22,680 | \$556.00* |
| AMD Ryzen 7 5700GE | <div></div> | 22,566 | NA |
| AMD Ryzen 7 PRO 5750GE | <div></div> | 22,513 | NA |
| Intel Xeon E5-2698 v4 @ 2.20GHz | <div></div> | 22,429 | \$908.70* |
| AMD Ryzen 9 5900HS | <div></div> | 22,301 | NA |
| Intel Xeon Platinum 8124M @ 3.00GHz | <div></div> | 22,298 | NA |
| Intel Xeon Gold 6152 @ 2.10GHz | <div></div> | 22,291 | \$3,295.05 |
| Intel Xeon W-2255 @ 3.70GHz | <div></div> | 22,286 | \$778.00* |
| Intel Xeon Gold 6136 @ 3.00GHz | <div></div> | 22,266 | \$2,494.48 |
| Intel Xeon Gold 6334 @ 3.60GHz | <div></div> | 22,160 | \$2,570.41* |
| AMD Ryzen 5 5600X | <div></div> | 22,146 | \$259.99 |
| Intel Xeon Gold 5218 @ 2.30GHz | <div></div> | 22,117 | \$1,228.36 |
| AMD Ryzen Threadripper 1920 | <div></div> | 22,066 | NA |
| Intel Xeon W-1290E @ 3.50GHz | <div></div> | 22,066 | \$500.00* |
| Intel Core i9-11900H @ 2.50GHz | <div></div> | 21,911 | \$546.00* |
| Intel Core i5-12600 | <div></div> | 21,874 | \$469.12* |
| Intel Core i9-9900X @ 3.50GHz | <div></div> | 21,838 | \$689.00 |
| Intel Xeon Gold 6130T @ 2.10GHz | <div></div> | 21,803 | \$1,988.00* |
| Intel Core i9-11900T @ 1.50GHz | <div></div> | 21,759 | \$439.00* |
| Intel Core i7-11850H @ 2.50GHz | <div></div> | 21,656 | \$395.00* |
| Intel Xeon E5-2697A @ 2.90GHz | <div></div> | 21,631 | NA |

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|--------------------------------|---|--------|-----------|
| Intel Core i7-11800H @ 2.30GHz |  | 21,587 | \$395.00* |
| Intel Core i7-11700F @ 2.50GHz |  | 21,560 | \$306.31 |

CPU Benchmarks

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|------------------------------------|---|--------|-------------|
| Intel Xeon E5-2697 v4 @ 2.30GHz |  | 21,545 | \$874.00 |
| Intel Core i9-10910 @ 3.60GHz |  | 21,504 | NA |
| Intel Core i9-7900X @ 3.30GHz |  | 21,316 | \$699.88 |
| Intel Xeon E5-2699 v3 @ 2.30GHz |  | 21,259 | \$546.59* |
| AMD EPYC 7281 |  | 21,230 | \$1,098.95 |
| Intel Xeon Gold 5315Y @ 3.20GHz |  | 21,225 | \$1,267.68* |
| Intel Xeon W-2155 @ 3.30GHz |  | 21,112 | \$1,530.39* |
| Intel Xeon W-1290 @ 3.20GHz |  | 21,063 | \$619.00* |
| Intel Core i9-10900F @ 2.80GHz |  | 21,032 | \$419.99 |
| AMD Ryzen 7 5800HS Creator Edition |  | 21,026 | NA |
| Intel Xeon Silver 4310T @ 2.30GHz |  | 20,973 | \$777.40* |
| AMD Ryzen 9 5900H |  | 20,960 | NA |
| AMD Ryzen 7 5800HS |  | 20,898 | NA |
| AMD EPYC 7262 |  | 20,875 | \$1,130.99* |
| AMD Ryzen 7 PRO 4700G |  | 20,848 | NA |
| Intel Xeon E5-2697R v4 @ 2.30GHz |  | 20,843 | NA |
| Intel Core i7-11700 @ 2.50GHz |  | 20,831 | \$329.97 |
| AMD Ryzen 5 PRO 5650G |  | 20,814 | NA |
| Intel Xeon Gold 6130 @ 2.10GHz |  | 20,721 | \$1,770.00 |
| Intel Core i5-12500 |  | 20,715 | \$202.00* |
| Intel Core i9-10900E @ 2.80GHz |  | 20,658 | \$444.00* |
| AMD Ryzen 7 4700GE |  | 20,608 | NA |
| AMD Ryzen 7 PRO 4750G |  | 20,575 | \$593.00 |
| Intel Core i9-10900 @ 2.80GHz |  | 20,567 | \$412.98 |
| AMD EPYC 7451 |  | 20,471 | \$2,486.00* |
| Intel Xeon E5-2695 v4 @ 2.10GHz |  | 20,373 | \$992.10 |
| Intel Xeon E5-2690 v4 @ 2.60GHz |  | 20,260 | \$424.99 |
| Intel Xeon E5-2699C v4 @ 2.20GHz |  | 20,079 | NA |
| AMD Ryzen 7 4700G |  | 20,059 | \$319.00* |
| Intel Core i5-11600K @ 3.90GHz |  | 19,938 | \$248.06 |
| Intel Xeon W-1350P @ 4.00GHz |  | 19,935 | \$391.19 |
| Intel Xeon W-2150B @ 3.00GHz |  | 19,933 | NA |
| Intel Core i5-11600KF @ 3.90GHz |  | 19,932 | \$248.96 |
| AMD Ryzen 5 5600G |  | 19,896 | \$221.50 |
| Intel Xeon Gold 6226 @ 2.70GHz |  | 19,810 | \$1,503.95 |
| Intel Xeon E5-2698 v3 @ 2.30GHz |  | 19,794 | \$3,405.95 |
| Intel Core i5-12400 |  | 19,723 | \$192.00* |
| Intel Core i9-9900KS @ 4.00GHz |  | 19,619 | \$1,959.00 |
| AMD EPYC 7351P |  | 19,589 | \$739.00 |
| Intel Xeon Gold 6132 @ 2.60GHz |  | 19,552 | \$1,103.70 |
| Intel Xeon E5-2682 v4 @ 2.50GHz |  | 19,551 | NA |
| AMD EPYC 7252 |  | 19,550 | \$527.11 |
| AMD Ryzen 9 4900HS |  | 19,510 | NA |
| Intel Xeon W-2245 @ 3.90GHz |  | 19,486 | \$772.20 |

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|--------------------------------|-------------|------------------------|--------------------------|
| Intel Core i7-10700K @ 3.80GHz | <div></div> | 19,359 | \$334.00 |
| Intel Core i7-7900X @ 3.30GHz | <div></div> | 19,358 | NA |












CPU Benchmarks


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|-----------------------------------|-------------|------------------------|-----------------------------|
| AMD Ryzen 9 4900H | <div></div> | 19,265 | NA |
| Intel Xeon W-1270P @ 3.80GHz | <div></div> | 19,245 | \$428.00* |
| Intel Xeon E5-2697 v3 @ 2.60GHz | <div></div> | 19,232 | \$289.99 |
| Intel Xeon Gold 6126 @ 2.60GHz | <div></div> | 19,223 | \$1,160.00 |
| Intel Xeon W-11855M @ 3.20GHz | <div></div> | 19,194 | \$450.00* |
| Intel Core i7-10700KF @ 3.80GHz | <div></div> | 19,179 | \$339.62 |
| AMD Ryzen 7 4800H | <div></div> | 19,093 | NA |
| AMD Ryzen 7 5800U | <div></div> | 19,083 | NA |
| Intel Xeon Silver 4309Y @ 2.80GHz | <div></div> | 19,010 | \$582.84 |
| Intel Xeon E5-2676 v4 @ 2.40GHz | <div></div> | 18,978 | NA |
| AMD Ryzen 5 PRO 5650GE | <div></div> | 18,932 | NA |
| Intel Xeon E-2356G @ 3.20GHz | <div></div> | 18,912 | \$333.00* |
| AMD Ryzen 5 5600GE | <div></div> | 18,879 | NA |
| AMD Ryzen 7 4800HS | <div></div> | 18,867 | NA |
| AMD Ryzen 5 3600XT | <div></div> | 18,799 | \$459.00 |
| AMD Ryzen 7 PRO 4750GE | <div></div> | 18,784 | NA |
| Intel Core i9-9900K @ 3.60GHz | <div></div> | 18,767 | \$549.00 |
| Intel Core i9-9900KF @ 3.60GHz | <div></div> | 18,737 | \$499.00 |
| Intel Xeon W-1350 @ 3.30GHz | <div></div> | 18,682 | \$273.55 |
| Intel Xeon Gold 6144 @ 3.50GHz | <div></div> | 18,656 | \$2,100.00 |
| Intel Xeon Silver 4214R @ 2.40GHz | <div></div> | 18,598 | \$715.00 |
| Intel Core i5-11600 @ 2.80GHz | <div></div> | 18,462 | \$277.99 |
| Intel Xeon W-1290T @ 1.90GHz | <div></div> | 18,409 | \$494.00* |
| Intel Xeon D-2183IT @ 2.20GHz | <div></div> | 18,385 | \$1,764.00* |
| AMD Ryzen 5 3600X | <div></div> | 18,295 | \$272.86 |
| AMD 4700S | <div></div> | 18,260 | NA |
| Intel Xeon E7-8880 v3 @ 2.30GHz | <div></div> | 18,244 | \$133.00* |
| Intel Core i9-9820X @ 3.30GHz | <div></div> | 18,240 | \$703.97 |
| Intel Core i7-9800X @ 3.80GHz | <div></div> | 18,240 | \$599.99* |
| AMD Ryzen 7 Extreme Edition | <div></div> | 18,209 | NA |
| Apple M1 Pro 8 Core 3200 MHz | <div></div> | 18,190 | NA |
| Intel Xeon E-2378 @ 2.60GHz | <div></div> | 18,172 | \$386.00* |
| Intel Xeon W-2145 @ 3.70GHz | <div></div> | 18,165 | \$1,224.67* |
| Intel Xeon W-1270 @ 3.40GHz | <div></div> | 18,093 | \$362.00* |
| AMD Ryzen 5 PRO 3600 | <div></div> | 18,073 | NA |
| Intel Xeon D-2187NT @ 2.00GHz | <div></div> | 18,070 | \$1,989.00* |
| AMD Ryzen Embedded V2718 | <div></div> | 17,972 | NA |
| Intel Core i9-10900TE @ 1.80GHz | <div></div> | 17,888 | \$444.00* |
| Intel Xeon E5-2680 v4 @ 2.40GHz | <div></div> | 17,869 | \$402.19 |
| AMD Ryzen 7 PRO 5850U | <div></div> | 17,860 | NA |
| AMD Ryzen 5 3600 | <div></div> | 17,833 | \$219.99 |
| Intel Xeon E5-2680R v4 @ 2.40GHz | <div></div> | 17,795 | NA |
| Intel Core i5-11500B @ 3.30GHz | <div></div> | 17,783 | NA |
| Intel Core i5-11500 @ 2.70GHz | <div></div> | 17,770 | \$249.99 |
| Intel Xeon E5-2677M v4 @ 2.60GHz | <div></div> | 17,757 | \$2,160.00 |

| | | | | |
|--|--|-------------|------------------------|-----------------------------|
| ⌵ | Intel Xeon E-2278G @ 3.40GHz | <div></div> | 17,684 | \$494.00* |
| ⌵ | Intel Xeon E5-2686 v3 @ 2.00GHz | <div></div> | 17,678 | NA |
| <div> <div>🏠</div> <div>CPU Benchmarks</div> <div>▼</div> </div> | | | | |
| ⌵ | Intel Xeon W-2140B @ 3.20GHz | <div></div> | 17,549 | NA |
| ⌵ | Intel Xeon Gold 5120T @ 2.20GHz | <div></div> | 17,540 | \$1,727.00* |
| ⌵ | Intel Xeon E5-2673 v4 @ 2.30GHz | <div></div> | 17,533 | \$1,950.00* |
| ⌵ | Intel Core i5-11400F @ 2.60GHz | <div></div> | 17,459 | \$174.99 |
| ⌵ | Intel Xeon E5-4669 v3 @ 2.10GHz | <div></div> | 17,430 | \$5,400.00* |
| ⌵ | Intel Xeon W-3223 @ 3.50GHz | <div></div> | 17,378 | \$820.55* |
| ⌵ | Intel Core i7-7820X @ 3.60GHz | <div></div> | 17,319 | \$699.00 |
| ⌵ | AMD Ryzen 7 PRO 2700X | <div></div> | 17,221 | NA |
| ⌵ | Intel Xeon E-2278GE @ 3.30GHz | <div></div> | 17,210 | \$494.00* |
| ⌵ | AMD Ryzen 5 5600H | <div></div> | 17,197 | NA |
| ⌵ | Intel Xeon E-2288G @ 3.70GHz | <div></div> | 17,128 | \$539.00* |
| ⌵ | Intel Core i5-11400 @ 2.60GHz | <div></div> | 17,115 | \$182.19 |
| ⌵ | Intel Core i7-10700 @ 2.90GHz | <div></div> | 17,110 | \$62.65 |
| ⌵ | AMD Ryzen 7 4800U | <div></div> | 17,077 | NA |
| ⌵ | Intel Core i7-6950X @ 3.00GHz | <div></div> | 17,067 | \$599.00 |
| ⌵ | Intel Core i7-10700F @ 2.90GHz | <div></div> | 17,025 | \$254.98 |
| ⌵ | Intel Core i7-10700E @ 2.90GHz | <div></div> | 17,020 | \$330.00* |
| ⌵ | Intel Core i9-9900 @ 3.10GHz | <div></div> | 17,004 | \$499.99 |
| ⌵ | Intel Xeon Gold 5120 @ 2.20GHz | <div></div> | 16,990 | \$1,561.00* |
| ⌵ | AMD Ryzen Threadripper 1900X | <div></div> | 16,945 | \$201.21 |
| ⌵ | Intel Xeon E5-2686 v4 @ 2.30GHz | <div></div> | 16,745 | NA |
| ⌵ | Intel Xeon E5-2689 v4 @ 3.10GHz | <div></div> | 16,706 | NA |
| ⌵ | AMD EPYC 7232P | <div></div> | 16,667 | \$569.00 |
| ⌵ | Intel Xeon Gold 6134 @ 3.20GHz | <div></div> | 16,511 | \$1,898.00 |
| ⌵ | Intel Core i9-10980HK @ 2.40GHz | <div></div> | 16,473 | \$583.00* |
| ⌵ | AMD Ryzen 5 PRO 4400G | <div></div> | 16,456 | NA |
| ⌵ | AMD Ryzen 5 PRO 4650G | <div></div> | 16,447 | \$257.36* |
| ⌵ | Intel Xeon E5-2690 v3 @ 2.60GHz | <div></div> | 16,447 | \$250.19 |
| ⌵ | Intel Core i5-11500H @ 2.90GHz | <div></div> | 16,430 | \$250.00* |
| ⌵ | Intel Core i7-10700TE @ 2.00GHz | <div></div> | 16,332 | \$330.00* |
| ⌵ | Intel Xeon Silver 4214 @ 2.20GHz | <div></div> | 16,323 | \$774.99 |
| ⌵ | AMD Ryzen 7 1800X | <div></div> | 16,292 | \$216.39 |
| ⌵ | AMD Ryzen 7 5700U | <div></div> | 16,271 | NA |
| ⌵ | AMD Ryzen Embedded V2748 | <div></div> | 16,186 | NA |
| ⌵ | Intel Core i5-11400H @ 2.70GHz | <div></div> | 16,143 | \$250.00* |
| ⌵ | Intel Xeon E5-2669 v3 @ 2.30GHz | <div></div> | 16,107 | NA |
| ⌵ | Intel Xeon Gold 5215 @ 2.50GHz | <div></div> | 16,058 | \$1,390.43 |
| ⌵ | Intel Xeon E5-2695 v3 @ 2.30GHz | <div></div> | 16,032 | \$260.19 |
| ⌵ | Intel Core i7-11600H @ 2.90GHz | <div></div> | 16,030 | \$395.00* |
| ⌵ | Intel Xeon Gold 5118 @ 2.30GHz | <div></div> | 16,015 | \$1,046.46 |
| ⌵ | Intel Xeon W-10885M @ 2.40GHz | <div></div> | 15,950 | \$623.00* |
| ⌵ | Intel Core i9-10885H @ 2.40GHz | <div></div> | 15,916 | \$556.00* |
| ⌵ | Intel Xeon Gold 5117 @ 2.00GHz | <div></div> | 15,816 | NA |
| ⌵ | Intel Core i9-10900T @ 1.90GHz | <div></div> | 15,697 | \$439.00* |
| ⌵ | AMD Ryzen 5 4600GE | <div></div> | 15,656 | NA |











































| | | | |
|------------------------|---|--------|----|
| AMD Ryzen 5 PRO 4650GE |  | 15,639 | NA |
| AMD Ryzen 5 4600G |  | 15,635 | NA |

CPU Benchmarks



| | | | |
|-----------------------------------|---|--------|-------------|
| Intel Xeon E-2286M @ 2.40GHz |  | 15,580 | \$1,373.18* |
| AMD Ryzen 7 PRO 1700X |  | 15,530 | NA |
| AMD Ryzen 7 PRO 4750U |  | 15,527 | NA |
| Intel Xeon E5-2680 v3 @ 2.50GHz |  | 15,521 | \$142.00 |
| AMD Ryzen 7 1700X |  | 15,521 | \$200.00 |
| Intel Core i7-10875H @ 2.30GHz |  | 15,512 | \$450.00* |
| Intel Xeon E-2336 @ 2.90GHz |  | 15,419 | \$304.00* |
| AMD Ryzen 5 PRO 5650U |  | 15,404 | NA |
| Intel Xeon E5-4667 v3 @ 2.00GHz |  | 15,397 | \$5,729.00* |
| Intel Core i5-11600T @ 1.70GHz |  | 15,254 | \$213.00* |
| Intel Xeon Silver 4214Y @ 2.20GHz |  | 15,248 | \$768.00* |
| Intel Core i7-11700T @ 1.40GHz |  | 15,242 | \$323.00* |
| Intel Core i7-10870H @ 2.20GHz |  | 15,193 | \$417.00* |
| Intel Xeon Silver 4116T @ 2.10GHz |  | 15,187 | \$1,112.00* |
| AMD Ryzen 7 PRO 2700 |  | 15,147 | NA |
| Intel Xeon Silver 4215R @ 3.20GHz |  | 15,133 | \$860.00 |
| Apple M1 8 Core 3200 MHz |  | 15,109 | NA |
| Intel Xeon D-2166NT @ 2.00GHz |  | 15,105 | \$1,005.00* |
| Intel Core i9-10880H @ 2.30GHz |  | 15,064 | NA |
| Intel Xeon Gold 5217 @ 3.00GHz |  | 15,036 | \$1,645.00 |
| Intel Xeon Silver 4210R @ 2.40GHz |  | 15,030 | \$548.99 |
| AMD EPYC 7301 |  | 14,991 | \$1,499.98* |
| Intel Xeon E5-2660 v4 @ 2.00GHz |  | 14,952 | \$475.95 |
| Intel Core i5-11260H @ 2.60GHz |  | 14,937 | \$250.00* |
| Intel Xeon E5-2678 v3 @ 2.50GHz |  | 14,936 | \$170.00* |
| AMD EPYC 7251 |  | 14,935 | \$510.00 |
| Intel Xeon Silver 4116 @ 2.10GHz |  | 14,931 | \$389.99 |
| Intel Xeon W-1250P @ 4.10GHz |  | 14,924 | \$374.40* |
| Intel Xeon E5-2699A v4 @ 2.40GHz |  | 14,917 | \$4,938.00* |
| Intel Xeon E5-1681 v3 @ 2.90GHz |  | 14,820 | NA |
| Intel Core i9-9980HK @ 2.40GHz |  | 14,816 | \$583.00* |
| AMD Ryzen 5 PRO 4400GE |  | 14,795 | NA |
| Intel Xeon E5-2687W v3 @ 3.10GHz |  | 14,787 | \$150.00 |
| AMD Ryzen 5 4600H |  | 14,787 | NA |
| AMD Ryzen 5 4600HS |  | 14,735 | NA |
| Intel Xeon E5-2683 v3 @ 2.00GHz |  | 14,734 | \$205.00 |
| AMD Ryzen 7 1700 |  | 14,671 | \$180.00 |
| AMD Ryzen 7 2700E |  | 14,657 | NA |
| Intel Core i7-8086K @ 4.00GHz |  | 14,611 | \$524.99* |
| AMD Ryzen 7 PRO 1700 |  | 14,594 | NA |
| Intel Core i5-10600KF @ 4.10GHz |  | 14,572 | \$199.99 |
| Intel Core i7-9700KF @ 3.60GHz |  | 14,562 | \$341.00 |
| Intel Core i5-10600K @ 4.10GHz |  | 14,561 | \$330.28 |
| Intel Core i7-9700K @ 3.60GHz |  | 14,555 | \$364.88 |
| Intel Xeon E5-2678 v3 @ 2.50GHz |  | 14,555 | NA |

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|-----------------------------|---|--------|-----------|
| Intel Core i3-12100F |  | 14,470 | \$129.99* |
| Intel Xeon E-2236 @ 3.40GHz |  | 14,456 | \$389.75* |

CPU Benchmarks



































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|----------------------------------|---|--------|-------------|
| Intel Xeon E5-2658 v4 @ 2.30GHz |  | 14,434 | NA |
| Intel Xeon Silver 4123 @ 3.00GHz |  | 14,405 | NA |
| Intel Xeon E-2286G @ 4.00GHz |  | 14,384 | \$551.26* |
| Intel Xeon E5-2673 v3 @ 2.40GHz |  | 14,379 | \$700.00* |
| Intel Xeon Silver 4210 @ 2.20GHz |  | 14,304 | \$530.00 |
| Intel Xeon E5-2696 v2 @ 2.50GHz |  | 14,285 | NA |
| Intel Xeon Gold 6128 @ 3.40GHz |  | 14,273 | \$1,719.00 |
| Intel Xeon W-2135 @ 3.70GHz |  | 14,265 | \$1,007.70* |
| Intel Xeon E5-4660 v3 @ 2.10GHz |  | 14,256 | \$4,800.00* |
| Intel Xeon E5-2697 v2 @ 2.70GHz |  | 14,152 | \$190.00 |
| Intel Core i7-6900K @ 3.20GHz |  | 14,094 | \$395.60 |
| Intel Xeon E-2374G @ 3.70GHz |  | 14,086 | \$357.00* |
| AMD Ryzen 5 2600X |  | 14,065 | \$153.63 |
| Intel Core i9-9880H @ 2.30GHz |  | 14,030 | \$556.00* |
| Intel Xeon E5-2667 v4 @ 3.20GHz |  | 14,027 | \$422.50 |
| Intel Core i5-10600 @ 3.30GHz |  | 14,027 | \$240.11 |
| AMD Ryzen 3 PRO 5350G |  | 14,025 | NA |
| Intel Core i5-11500T @ 1.50GHz |  | 14,024 | \$192.00* |
| Intel Xeon E-2246G @ 3.60GHz |  | 14,005 | \$311.00* |
| Intel Xeon E5-2670 v3 @ 2.30GHz |  | 13,957 | \$125.00 |
| Intel Xeon E-2186G @ 3.80GHz |  | 13,944 | \$542.78* |
| Intel Xeon W-1250 @ 3.30GHz |  | 13,933 | \$304.00 |
| Intel Core i9-9900T @ 2.10GHz |  | 13,896 | \$439.00* |
| Intel Core i7-8700K @ 3.70GHz |  | 13,886 | \$350.60 |
| AMD Ryzen 3 5300GE |  | 13,843 | NA |
| Intel Core i3-12100 |  | 13,814 | \$122.00* |
| AMD EPYC 3251 |  | 13,749 | \$315.00* |
| Intel Xeon E-2176G @ 3.70GHz |  | 13,725 | \$515.00 |
| AMD Ryzen 3 PRO 5350GE |  | 13,707 | NA |
| AMD Ryzen 7 4700U |  | 13,700 | NA |
| AMD Ryzen 5 4600U |  | 13,643 | NA |
| Intel Xeon W-1270TE @ 2.00GHz |  | 13,553 | \$367.00* |
| Intel Xeon E5-1680 v4 @ 3.40GHz |  | 13,538 | \$4,886.00* |
| Intel Xeon E-2136 @ 3.30GHz |  | 13,527 | \$320.86 |
| Intel Core i7-9700F @ 3.00GHz |  | 13,496 | \$315.98 |
| Intel Xeon E5-2695 v2 @ 2.40GHz |  | 13,495 | \$188.00 |
| Intel Xeon E5-2658 v3 @ 2.20GHz |  | 13,487 | NA |
| Intel Xeon E-2276G @ 3.80GHz |  | 13,481 | \$646.04* |
| Intel Xeon E-2146G @ 3.50GHz |  | 13,460 | \$355.99 |
| Intel Xeon E5-2690 v2 @ 3.00GHz |  | 13,422 | \$169.99 |
| Intel Core i7-9700 @ 3.00GHz |  | 13,394 | \$314.99 |
| Intel Core i5-11400T @ 1.30GHz |  | 13,367 | \$182.00* |
| Intel Xeon E5-1660 v4 @ 3.20GHz |  | 13,350 | \$1,494.00* |
| AMD Ryzen 5 3500X |  | 13,350 | \$219.99 |
| Intel Core i7-10700T @ 2.80GHz |  | 13,337 | \$222.25 |



| | | | |
|--|-------------|--------|------------|
| AMD Ryzen 5 5500U | <div></div> | 13,214 | NA |
| AMD Ryzen 5 2600 | <div></div> | 13,196 | \$181.47 |
| <div> <div></div> <div>CPU Benchmarks</div> <div></div> </div> | | | |
| Intel Xeon E5-1680 v3 @ 3.20GHz | <div></div> | 13,161 | \$589.99* |
| AMD Ryzen 3 5300G | <div></div> | 13,146 | NA |
| Intel Xeon E5-2660 v3 @ 2.60GHz | <div></div> | 13,118 | \$160.00 |
| Intel Core i5-10500 @ 3.10GHz | <div></div> | 13,107 | \$225.70 |
| Intel Xeon D-2143IT @ 2.20GHz | <div></div> | 13,107 | \$566.00* |
| Intel Xeon W-10855M @ 2.80GHz | <div></div> | 13,066 | \$450.00* |
| Intel Core i7-8700 @ 3.20GHz | <div></div> | 13,046 | \$326.58 |
| Intel Xeon E5-4627 v4 @ 2.60GHz | <div></div> | 12,969 | \$999.99* |
| AMD Ryzen 5 1600X | <div></div> | 12,954 | \$175.33 |
| Intel Xeon E5-2685 v3 @ 2.60GHz | <div></div> | 12,944 | NA |
| AMD Ryzen 5 PRO 4650U | <div></div> | 12,933 | NA |
| Intel Xeon E5-2618L v4 @ 2.20GHz | <div></div> | 12,885 | \$682.67* |
| AMD Ryzen 5 3500 | <div></div> | 12,846 | NA |
| Intel Core i7-7800X @ 3.50GHz | <div></div> | 12,829 | \$432.91 |
| Intel Xeon E5-2650 v4 @ 2.20GHz | <div></div> | 12,774 | \$1,199.99 |
| AMD Ryzen 3 3300X | <div></div> | 12,765 | \$315.00 |
| Intel Core i7-5960X @ 3.00GHz | <div></div> | 12,668 | \$244.00 |
| Intel Xeon E5-4657L v2 @ 2.40GHz | <div></div> | 12,495 | \$219.70 |
| Intel Xeon E5-2680 v2 @ 2.80GHz | <div></div> | 12,489 | \$143.00 |
| Intel Xeon E5-1680 v2 @ 3.00GHz | <div></div> | 12,455 | NA |
| Intel Core i5-10400F @ 2.90GHz | <div></div> | 12,444 | \$147.94 |
| Intel Core i5-10505 @ 3.20GHz | <div></div> | 12,441 | NA |
| Intel Core i7-10750H @ 2.60GHz | <div></div> | 12,435 | NA |
| Intel Core i7-8700B @ 3.20GHz | <div></div> | 12,415 | \$303.00* |
| Intel Xeon E5-2649 v3 @ 2.30GHz | <div></div> | 12,399 | NA |
| Intel Xeon W-2133 @ 3.60GHz | <div></div> | 12,385 | \$617.00* |
| Intel Xeon E5-2667 v3 @ 3.20GHz | <div></div> | 12,354 | \$403.00 |
| Intel Core i7-11375H @ 3.30GHz | <div></div> | 12,340 | \$482.00* |
| Intel Core i5-10400 @ 2.90GHz | <div></div> | 12,337 | \$154.98 |
| Intel Core i7-11370H @ 3.30GHz | <div></div> | 12,333 | \$426.00* |
| AMD Ryzen 5 1600 | <div></div> | 12,328 | \$126.73 |
| Intel Xeon E5-1660 v3 @ 3.00GHz | <div></div> | 12,273 | \$398.95* |
| Intel Xeon E5-2687W v2 @ 3.40GHz | <div></div> | 12,241 | \$432.19 |
| Intel Xeon E5-2667 v2 @ 3.30GHz | <div></div> | 12,210 | \$174.95* |
| Intel Xeon D-2141I @ 2.20GHz | <div></div> | 12,177 | \$555.00* |
| Intel Core i7-10850H @ 2.70GHz | <div></div> | 12,167 | \$395.00* |
| Intel Core i7-9700E @ 2.60GHz | <div></div> | 12,121 | \$323.00* |
| Intel Xeon E5-2692 v2 @ 2.20GHz | <div></div> | 12,119 | NA |
| AMD Ryzen 5 PRO 4500U | <div></div> | 12,049 | NA |
| AMD Ryzen 3 PRO 5450U | <div></div> | 12,047 | NA |
| Intel Xeon E-2278GEL @ 2.00GHz | <div></div> | 12,024 | \$494.00* |
| Intel Xeon E-2276M @ 2.80GHz | <div></div> | 11,993 | \$450.00* |
| Intel Xeon E5-2675 v3 @ 1.80GHz | <div></div> | 11,960 | NA |
| Intel Xeon E5-2673 v2 @ 3.30GHz | <div></div> | 11,919 | NA |
| Intel Xeon E5-2650 v3 @ 2.30GHz | <div></div> | 11,881 | \$118.00 |

| | | | |
|--|---|--------|-------------|
| Intel Xeon E5-2650L v3 @ 1.80GHz |  | 11,820 | \$1,365.00 |
| Intel Xeon E5-2663 v3 @ 2.80GHz |  | 11,777 | NA |
| <div>  CPU Benchmarks  </div> | | | |
| Intel Xeon D-2146NT @ 2.30GHz |  | 11,718 | \$641.00* |
| AMD Ryzen 3 3100 |  | 11,679 | \$177.95 |
| Intel Core i5-10500H @ 2.50GHz |  | 11,678 | \$250.00* |
| Intel Xeon D-1577 @ 1.30GHz |  | 11,645 | \$1,176.00* |
| Intel Core i7-1185G7E @ 2.80GHz |  | 11,645 | \$431.00* |
| Intel Xeon E5-2670 v2 @ 2.50GHz |  | 11,624 | \$162.00 |
| Intel Xeon E5-2648L v4 @ 1.80GHz |  | 11,547 | \$1,298.70* |
| Intel Core i7-9750HF @ 2.60GHz |  | 11,543 | \$395.00* |
| Intel Core i7-9850H @ 2.60GHz |  | 11,541 | \$1,305.76* |
| Intel Xeon E5-4669 v4 @ 2.20GHz |  | 11,523 | NA |
| Intel Core i5-11320H @ 3.20GHz |  | 11,471 | \$309.00* |
| Intel Xeon E5-1650 v4 @ 3.60GHz |  | 11,436 | \$894.95 |
| Intel Xeon E5-2650L v4 @ 1.70GHz |  | 11,436 | \$700.00 |
| Intel Core i5-10600T @ 2.40GHz |  | 11,430 | \$213.00* |
| AMD Ryzen 3 4300GE |  | 11,375 | NA |
| Intel Core i3-11100B @ 3.60GHz |  | 11,357 | NA |
| Intel Xeon E5-4627 v3 @ 2.60GHz |  | 11,344 | \$2,400.00* |
| AMD Ryzen 3 PRO 4350GE |  | 11,325 | NA |
| AMD Ryzen 3 PRO 4200G |  | 11,315 | NA |
| Intel Core i7-1195G7 @ 2.90GHz |  | 11,300 | \$426.00* |
| Intel Core i7-6850K @ 3.60GHz |  | 11,298 | \$334.50 |
| Intel Core i7-9750H @ 2.60GHz |  | 11,228 | \$960.00* |
| Intel Xeon E5-2640 v3 @ 2.60GHz |  | 11,189 | \$59.00 |
| Intel Xeon Silver 4208 @ 2.10GHz |  | 11,163 | \$491.02 |
| Intel Xeon E5-2643 v4 @ 3.40GHz |  | 11,152 | \$383.50 |
| AMD Ryzen 5 4500U |  | 11,148 | NA |
| ARM Neoverse-N1 16 Core 0 MHz |  | 11,144 | NA |
| Intel Core i5-11300H @ 3.10GHz |  | 11,131 | \$309.00* |
| Intel Xeon E-2226G @ 3.40GHz |  | 11,119 | \$453.99 |
| Intel Xeon E5-2630 v4 @ 2.20GHz |  | 11,104 | \$169.00 |
| Intel Core i7-11390H @ 3.40GHz |  | 11,097 | \$426.00* |
| Intel Xeon E5-2628L v4 @ 1.90GHz |  | 11,079 | \$1,364.00* |
| Intel Core i7-1185G7 @ 3.00GHz |  | 11,030 | \$426.00* |
| Intel Xeon E5-2470 v2 @ 2.40GHz |  | 10,979 | \$252.00 |
| AMD Ryzen 3 PRO 4200GE |  | 10,930 | NA |
| Intel Xeon E-2126G @ 3.30GHz |  | 10,922 | \$324.00 |
| Intel Xeon W-2225 @ 4.10GHz |  | 10,899 | \$522.60 |
| Intel Xeon E-2176M @ 2.70GHz |  | 10,893 | \$450.00* |
| AMD Ryzen 3 4300G |  | 10,879 | NA |
| Intel Xeon E5-2630L v4 @ 1.80GHz |  | 10,864 | \$105.00 |
| Intel Core i5-9600KF @ 3.70GHz |  | 10,839 | \$159.00 |
| Intel Xeon E5-4650 v3 @ 2.10GHz |  | 10,838 | \$3,838.00* |
| Apple A12X Bionic |  | 10,834 | NA |
| Intel Core i9-8950HK @ 2.90GHz |  | 10,831 | \$583.00* |
| Intel Core i7-8700T @ 1.80GHz |  | 10,822 | \$622.00* |













































| | | | |
|-------------------------------|---|--------|-----------|
| Intel Xeon E-2186M @ 2.90GHz |  | 10,809 | \$623.00* |
| Intel Core i5-9600K @ 3.70GHz |  | 10,796 | \$197.99 |

CPU Benchmarks

| | | | |
|-----------------------------------|---|--------|-------------|
| Intel Core i5-10500T @ 2.30GHz |  | 10,688 | \$192.00* |
| Intel Core i7-1165G7 @ 2.80GHz |  | 10,619 | \$426.00* |
| Intel Core i7-6800K @ 3.40GHz |  | 10,618 | \$215.19 |
| Intel Core i5-1145G7 @ 2.60GHz |  | 10,615 | NA |
| Intel Core i5-1155G7 @ 2.50GHz |  | 10,594 | \$309.00* |
| Intel Core i7-8700T @ 2.40GHz |  | 10,572 | \$344.01 |
| Intel Xeon E5-4620 v3 @ 2.00GHz |  | 10,525 | \$778.70* |
| Intel Xeon E5-2643 v3 @ 3.40GHz |  | 10,491 | \$845.00 |
| Intel Xeon D-1581 @ 1.80GHz |  | 10,476 | NA |
| Intel Core i5-9600 @ 3.10GHz |  | 10,467 | \$381.87 |
| Intel Xeon E5-2618L v3 @ 2.30GHz |  | 10,464 | \$1,029.95* |
| Intel Core i3-10325 @ 3.90GHz |  | 10,429 | \$154.00* |
| Intel Core i7-8850H @ 2.60GHz |  | 10,422 | \$395.00* |
| AMD Ryzen 5 PRO 1600 |  | 10,401 | NA |
| Intel Xeon E5-2658 v2 @ 2.40GHz |  | 10,401 | \$3,604.00* |
| Intel Xeon E5-2660 v2 @ 2.20GHz |  | 10,382 | \$79.00 |
| Intel Xeon E5-1650 v3 @ 3.50GHz |  | 10,382 | \$819.95* |
| Intel Xeon E5-4640 v3 @ 1.90GHz |  | 10,372 | NA |
| Intel Xeon Silver 4109T @ 2.00GHz |  | 10,348 | \$606.71 |
| Intel Core i5-9500F @ 3.00GHz |  | 10,320 | \$184.99 |
| Intel Core i7-1160G7 @ 1.20GHz |  | 10,316 | \$426.00* |
| Intel Core i5-1145G7E @ 2.60GHz |  | 10,293 | \$312.00* |
| Intel Xeon E5-2630 v3 @ 2.40GHz |  | 10,279 | \$119.09 |
| Intel Core i7-5930K @ 3.50GHz |  | 10,278 | \$690.30* |
| Intel Xeon Silver 4110 @ 2.10GHz |  | 10,260 | \$420.00 |
| AMD EPYC 3201 |  | 10,258 | NA |
| Intel Core i5-1130G7 @ 1.10GHz |  | 10,249 | \$309.00* |
| Intel Core i7-1068NG7 @ 2.30GHz |  | 10,241 | \$426.00* |
| Intel Xeon E5-1660 v2 @ 3.70GHz |  | 10,192 | \$1,798.95 |
| Intel Core i5-8600K @ 3.60GHz |  | 10,179 | \$295.00 |
| Intel Core i5-1140G7 @ 1.10GHz |  | 10,179 | NA |
| Intel Core i5-1135G7 @ 2.40GHz |  | 10,159 | \$309.00* |
| AMD Ryzen 3 PRO 4450U |  | 10,139 | NA |
| Intel Core i3-10320 @ 3.80GHz |  | 10,130 | \$142.00 |
| Intel Core i7-8750H @ 2.20GHz |  | 10,120 | \$395.00* |
| Intel Core i7-10710U @ 1.10GHz |  | 10,093 | \$644.99* |
| Intel Core i5-10400T @ 2.00GHz |  | 10,057 | \$182.00* |
| Intel Xeon D-1541 @ 2.10GHz |  | 10,028 | NA |
| AMD Ryzen 3 5300U |  | 10,026 | NA |
| Intel Core i3-1125G4 @ 2.00GHz |  | 10,023 | NA |
| Intel Xeon D-1540 @ 2.00GHz |  | 10,017 | NA |
| Intel Xeon E-2234 @ 3.60GHz |  | 10,010 | \$294.99* |
| Intel Xeon W-2125 @ 4.00GHz |  | 9,976 | \$998.95* |
| Intel Xeon E5-2628L v3 @ 2.00GHz |  | 9,949 | NA |
| Intel Xeon E5-2658 v3 @ 2.00GHz |  | 9,911 | \$35.00 |




















| | | | |
|----------------------------------|---|-------|-------------|
| Intel Core i7-7740X @ 4.30GHz |  | 9,864 | \$139.95 |
| Intel Xeon E5-2648L v3 @ 1.80GHz |  | 9,847 | \$1,516.45* |

CPU Benchmarks

| | | | |
|----------------------------------|---|-------|-------------|
| Intel Xeon E5-2690 @ 2.90GHz |  | 9,833 | \$79.00 |
| Intel Xeon E-2244G @ 3.80GHz |  | 9,826 | \$413.00* |
| Intel Core i7-5820K @ 3.30GHz |  | 9,815 | \$396.00 |
| Intel Core i5-9500 @ 3.00GHz |  | 9,799 | \$198.98 |
| Intel Xeon E5-2689 @ 2.60GHz |  | 9,762 | \$182.75* |
| Intel Core i5-1038NG7 @ 2.00GHz |  | 9,728 | \$320.00* |
| Intel Xeon E5-2687W @ 3.10GHz |  | 9,727 | \$192.00 |
| Intel Core i7-7700K @ 4.20GHz |  | 9,689 | \$375.70 |
| Intel Core i3-10305 @ 3.80GHz |  | 9,689 | \$218.00 |
| AMD Ryzen 5 3350GE |  | 9,684 | NA |
| Intel Xeon E-2276ME @ 2.80GHz |  | 9,680 | \$450.00* |
| Intel Xeon E-2274G @ 4.00GHz |  | 9,660 | \$334.00* |
| AMD Ryzen 5 PRO 3350GE |  | 9,643 | NA |
| Intel Core i5-8500 @ 3.00GHz |  | 9,614 | \$190.00 |
| Intel Xeon E-2174G @ 3.80GHz |  | 9,568 | \$383.99 |
| Intel Core i5-9400F @ 2.90GHz |  | 9,549 | \$161.90 |
| Intel Core i5-9400 @ 2.90GHz |  | 9,502 | \$183.85 |
| AMD Ryzen 5 PRO 3350G |  | 9,498 | NA |
| Intel Core i5-8500B @ 3.00GHz |  | 9,474 | \$192.00* |
| Intel Xeon Gold 5222 @ 3.80GHz |  | 9,428 | \$1,435.23* |
| AMD Ryzen 5 PRO 1500 |  | 9,402 | NA |
| AMD Ryzen 5 2500X |  | 9,384 | NA |
| Intel Xeon E5-4655 v3 @ 2.90GHz |  | 9,377 | \$4,616.00* |
| Intel Xeon E5-2680 @ 2.70GHz |  | 9,368 | \$80.19 |
| Intel Core i7-4930K @ 3.40GHz |  | 9,360 | \$199.30 |
| Intel Core i3-10300 @ 3.70GHz |  | 9,350 | \$154.99 |
| Intel Xeon Silver 4108 @ 1.80GHz |  | 9,343 | \$419.18 |
| AMD Ryzen 5 3400G |  | 9,338 | \$269.99 |
| AMD Ryzen 5 PRO 3400G |  | 9,332 | NA |
| Intel Xeon E-2144G @ 3.60GHz |  | 9,322 | \$301.17* |
| Intel Xeon E5-4627 v2 @ 3.30GHz |  | 9,320 | \$498.95 |
| Intel Xeon E5-1650 v2 @ 3.50GHz |  | 9,288 | \$238.02 |
| Intel Xeon E3-1285 v6 @ 4.10GHz |  | 9,276 | \$531.22* |
| Intel Xeon D-1567 @ 2.10GHz |  | 9,236 | NA |
| Intel Xeon D-1587 @ 1.70GHz |  | 9,223 | NA |
| Intel Core i5-8400 @ 2.80GHz |  | 9,219 | \$230.00 |
| Intel Xeon E5-2651 v2 @ 1.80GHz |  | 9,216 | \$278.10* |
| Intel Core i5-9500TE @ 2.20GHz |  | 9,212 | \$192.00* |
| Intel Xeon E3-1275 v6 @ 3.80GHz |  | 9,200 | \$363.95 |
| Intel Core i3-10105F @ 3.70GHz |  | 9,166 | \$88.95 |
| Intel Core i7-1185GRE @ 2.80GHz |  | 9,165 | NA |
| Intel Xeon E5-2629 v3 @ 2.40GHz |  | 9,139 | \$499.88* |
| Intel Core i7-9850HL @ 1.90GHz |  | 9,112 | \$395.00* |
| Intel Xeon E3-1280 v6 @ 3.90GHz |  | 9,087 | \$524.73 |
| AMD Ryzen 5 1500X |  | 9,078 | \$450.00* |

| | | | |
|---------------------------------|---|-------|----|
| AMD Ryzen 5 3350G |  | 9,064 | NA |
| Intel Xeon E5-4648 v3 @ 1.70GHz |  | 9,061 | NA |

CPU Benchmarks



| | | | |
|----------------------------------|---|-------|------------|
| Intel Core i5-10400H @ 2.60GHz |  | 9,022 | \$250.00* |
| AMD Ryzen 5 3400GE |  | 9,003 | NA |
| Intel Xeon E5-2620 v4 @ 2.10GHz |  | 8,989 | \$273.00 |
| Intel Core i7-6700K @ 4.00GHz |  | 8,953 | \$263.00 |
| Intel Core i3-10105 @ 3.70GHz |  | 8,950 | \$119.01 |
| Intel Xeon E5-2670 @ 2.60GHz |  | 8,897 | \$79.00 |
| Intel Xeon E5-2630L v3 @ 1.80GHz |  | 8,887 | \$469.90 |
| Intel Core i5-3170K @ 3.20GHz |  | 8,882 | NA |
| Intel Core i3-10100F @ 3.60GHz |  | 8,870 | \$84.98 |
| Intel Core i3-10100 @ 3.60GHz |  | 8,854 | \$114.93 |
| Intel Xeon E3-1270 v6 @ 3.80GHz |  | 8,817 | \$317.00 |
| Intel Core i7-1065G7 @ 1.30GHz |  | 8,752 | \$426.00* |
| Intel Core i5-10300H @ 2.50GHz |  | 8,743 | \$250.00* |
| Intel Xeon E-2134 @ 3.50GHz |  | 8,741 | \$292.39 |
| Intel Core i7-8809G @ 3.10GHz |  | 8,738 | NA |
| AMD Ryzen 5 2400G |  | 8,733 | \$208.86 |
| Intel Xeon E3-1240 v6 @ 3.70GHz |  | 8,706 | \$386.45 |
| Intel Xeon W-2223 @ 3.60GHz |  | 8,692 | \$288.99 |
| Intel Core i7-8559U @ 2.70GHz |  | 8,690 | \$617.00* |
| ARM X-Gene 32 Core 3300 MHz |  | 8,684 | NA |
| Intel Core i7-7700 @ 3.60GHz |  | 8,637 | \$371.95 |
| Intel Xeon E5-2648L v2 @ 1.90GHz |  | 8,611 | \$945.00* |
| Intel Xeon E3-1245 v6 @ 3.70GHz |  | 8,606 | \$287.00 |
| Intel Core i7-3960X @ 3.30GHz |  | 8,600 | \$1,842.00 |
| Intel Xeon Gold 5122 @ 3.60GHz |  | 8,595 | \$901.33 |
| Intel Xeon W-2123 @ 3.60GHz |  | 8,592 | \$608.00* |
| Intel Xeon E5-4650 @ 2.70GHz |  | 8,589 | \$79.99 |
| Intel Xeon E-2314 @ 2.80GHz |  | 8,549 | \$195.00* |
| Apple A14 Bionic |  | 8,528 | NA |
| Intel Core i5-10200H @ 2.40GHz |  | 8,521 | \$250.00* |
| Intel Core i7-8569U @ 2.80GHz |  | 8,494 | \$431.00* |
| Intel Xeon E5-2628 v3 @ 2.50GHz |  | 8,447 | NA |
| AMD Ryzen Embedded V1807B |  | 8,426 | NA |
| Intel Xeon E5-4650L @ 2.60GHz |  | 8,415 | \$65.99* |
| Intel Xeon E5-2665 @ 2.40GHz |  | 8,411 | \$90.00 |
| Intel Xeon E3-1585 v5 @ 3.50GHz |  | 8,408 | \$556.00* |
| Intel Xeon E3-1230 v6 @ 3.50GHz |  | 8,405 | \$369.66 |
| Intel Xeon E3-1275 v5 @ 3.60GHz |  | 8,401 | \$444.04 |
| Intel Core i5-9600T @ 2.30GHz |  | 8,393 | \$213.00* |
| Intel Xeon E5-1660 @ 3.30GHz |  | 8,389 | \$267.19 |
| Intel Core i5-1035G7 @ 1.20GHz |  | 8,371 | \$320.00* |
| Intel Core i5-9400H @ 2.50GHz |  | 8,360 | \$250.00* |
| Intel Core i7-10810U @ 1.10GHz |  | 8,353 | \$443.00* |
| Intel Core i7-3970X @ 3.50GHz |  | 8,351 | \$187.00 |
| AMD Ryzen 5 5600G |  | 8,331 | NA |

| | | | |
|--|---|-------|-------------|
| Intel Xeon E3-1280 v5 @ 3.70GHz |  | 8,320 | \$395.00* |
| AMD Ryzen 7 3750H |  | 8,275 | NA |
| <div>  CPU Benchmarks  </div> | | | |
| Intel Core i5-1035G4 @ 1.10GHz |  | 8,257 | \$309.00* |
| Intel Core i7-3930K @ 3.20GHz |  | 8,253 | \$460.00* |
| Intel Core i5-9500T @ 2.20GHz |  | 8,244 | \$192.00* |
| Intel Xeon E3-1535M v6 @ 3.10GHz |  | 8,243 | \$623.00* |
| Intel Xeon E5-2470 @ 2.30GHz |  | 8,240 | \$145.00 |
| Intel Core i3-10100E @ 3.20GHz |  | 8,229 | \$125.00* |
| Intel Core i5-8600T @ 2.30GHz |  | 8,227 | \$199.99* |
| Intel Core i7-8557U @ 1.70GHz |  | 8,225 | \$431.00* |
| AMD Ryzen 5 PRO 3400GE |  | 8,222 | NA |
| AMD Ryzen Embedded V1756B |  | 8,215 | NA |
| Intel Xeon E5-2660 @ 2.20GHz |  | 8,160 | \$69.00 |
| Intel Core i3-10305T @ 3.00GHz |  | 8,136 | \$143.00* |
| Intel Core i7-8706G @ 3.10GHz |  | 8,136 | NA |
| Intel Core i5-8259U @ 2.30GHz |  | 8,135 | \$519.99* |
| AMD Ryzen 5 2400GE |  | 8,134 | NA |
| Intel Core i5-8279U @ 2.40GHz |  | 8,126 | \$320.00* |
| Intel Core i5-8400H @ 2.50GHz |  | 8,114 | \$250.00* |
| Intel Xeon E5-1650 @ 3.20GHz |  | 8,105 | \$112.00 |
| Intel Xeon E3-1245 v5 @ 3.50GHz |  | 8,074 | \$139.99 |
| Intel Core i7-6700 @ 3.40GHz |  | 8,070 | \$255.00 |
| Intel Core i7-4790K @ 4.00GHz |  | 8,062 | \$208.99 |
| Intel Core i5-8269U @ 2.60GHz |  | 8,055 | \$320.00* |
| AMD Ryzen 5 3550H |  | 8,046 | NA |
| AMD Opteron 6348 |  | 8,030 | \$1,708.87 |
| Intel Xeon E3-1230 v5 @ 3.40GHz |  | 8,021 | \$916.00 |
| Intel Xeon E3-1585L v5 @ 3.00GHz |  | 8,021 | \$445.00* |
| Intel Xeon E3-1285L v4 @ 3.40GHz |  | 8,014 | \$1,166.00 |
| Intel Core i3-10105T @ 3.00GHz |  | 7,951 | \$122.00* |
| Intel Core i7-8705G @ 3.10GHz |  | 7,940 | \$1,535.11* |
| Intel Xeon E3-1515M v5 @ 2.80GHz |  | 7,938 | NA |
| Intel Core i7-8709G @ 3.10GHz |  | 7,921 | NA |
| Intel Xeon E5-2620 v3 @ 2.40GHz |  | 7,904 | \$70.00 |
| Intel Core i5-8260U @ 1.60GHz |  | 7,889 | \$439.99* |
| Intel Xeon E3-1545M v5 @ 2.90GHz |  | 7,848 | NA |
| AMD Ryzen 5 2600H |  | 7,836 | NA |
| Intel Core i5-9300H @ 2.40GHz |  | 7,827 | \$250.00* |
| AMD Ryzen 5 3580U |  | 7,820 | NA |
| AMD Ryzen 5 1400 |  | 7,805 | \$106.04 |
| Intel Core i7-5775C @ 3.30GHz |  | 7,797 | \$320.00 |
| Intel Core i3-10300T @ 3.00GHz |  | 7,780 | \$173.33* |
| Intel Core i5-1035G1 @ 1.00GHz |  | 7,780 | \$297.00* |
| Intel Core i7-7700T @ 2.90GHz |  | 7,772 | \$580.96 |
| Intel Core i3-9350K @ 4.00GHz |  | 7,760 | \$293.22* |
| Intel Xeon E3-1260L v5 @ 2.90GHz |  | 7,757 | \$258.70* |
| Intel Xeon E3-1220T @ 2.80GHz |  | 7,754 | \$216.00* |










| | | | |
|--------------------------------|---|-------|-----------|
| AMD Ryzen 3 PRO 1300 |  | 7,717 | NA |
| Intel Core i7-7820HK @ 2.90GHz |  | 7,714 | \$378.00* |

CPU Benchmarks

| | | | |
|----------------------------------|---|-------|-------------|
| AMD Athlon Gold PRO 3150G |  | 7,702 | NA |
| Intel Core i7-5950HQ @ 2.90GHz |  | 7,696 | NA |
| AMD Ryzen 5 3550U |  | 7,681 | NA |
| Intel Core i5-8500T @ 2.10GHz |  | 7,676 | \$247.53* |
| Intel Core i5-9400T @ 1.80GHz |  | 7,670 | \$182.00* |
| Intel Xeon E3-1270L v4 @ 3.00GHz |  | 7,662 | NA |
| AMD Ryzen 7 2800H |  | 7,656 | NA |
| Intel Core i5-8257U @ 1.40GHz |  | 7,652 | \$320.00* |
| Intel Xeon E5-1630 v4 @ 3.70GHz |  | 7,615 | NA |
| Intel Xeon E3-1285 v4 @ 3.50GHz |  | 7,614 | NA |
| Intel Xeon E5-2637 v3 @ 3.50GHz |  | 7,605 | \$95.20 |
| AMD Ryzen 3 4300U |  | 7,592 | NA |
| Intel Xeon E5-2623 v4 @ 2.60GHz |  | 7,582 | \$152.00 |
| AMD Ryzen 5 PRO 2400GE |  | 7,568 | NA |
| Intel Xeon E3-1575M v5 @ 3.00GHz |  | 7,552 | \$1,207.00* |
| Intel Core i5-8300H @ 2.30GHz |  | 7,552 | \$250.00* |
| AMD Ryzen 7 3780U |  | 7,549 | NA |
| Intel Xeon E3-1535M v5 @ 2.90GHz |  | 7,535 | \$623.00* |
| Intel Core i3-9350KF @ 4.00GHz |  | 7,520 | \$170.98 |
| AMD Ryzen 3 2300X |  | 7,519 | \$178.09* |
| Intel Xeon E5-2667 @ 2.90GHz |  | 7,513 | \$96.19 |
| Intel Xeon E-2124G @ 3.40GHz |  | 7,511 | \$618.00 |
| Intel Xeon E-2224G @ 3.50GHz |  | 7,490 | \$267.56* |
| Intel Core i3-10100T @ 3.00GHz |  | 7,475 | \$122.00* |
| Intel Xeon E5-2650L v2 @ 1.70GHz |  | 7,475 | \$79.00 |
| Intel Xeon E5-1630 v3 @ 3.70GHz |  | 7,470 | \$184.99* |
| Intel Xeon E5-2630 v2 @ 2.60GHz |  | 7,465 | \$69.00 |
| Intel Core i7-7920HQ @ 3.10GHz |  | 7,465 | \$568.00* |
| Intel Core i7-7820EQ @ 3.00GHz |  | 7,453 | \$378.00* |
| Intel Xeon D-1531 @ 2.20GHz |  | 7,447 | \$348.00* |
| Intel Xeon E3-1271 v3 @ 3.60GHz |  | 7,441 | \$164.99* |
| Intel Xeon E3-1286 v3 @ 3.70GHz |  | 7,418 | \$839.00* |
| Intel Core i5-8400T @ 1.70GHz |  | 7,416 | \$239.84* |
| Intel Xeon E5-1620 v4 @ 3.50GHz |  | 7,411 | \$312.11 |
| AMD Ryzen 3 3200GE |  | 7,408 | NA |
| Intel Core i7-5775R @ 3.30GHz |  | 7,373 | NA |
| Intel Xeon @ 2.00GHz |  | 7,363 | NA |
| Intel Core i3-9320 @ 3.70GHz |  | 7,358 | \$218.00 |
| Intel Xeon E3-1276 v3 @ 3.60GHz |  | 7,345 | \$158.00 |
| AMD Ryzen 7 3700U |  | 7,344 | NA |
| Intel Xeon E5-2650 @ 2.00GHz |  | 7,335 | \$49.00 |
| Intel Xeon E5-2450 @ 2.10GHz |  | 7,321 | \$81.00 |
| AMD Ryzen 7 PRO 3700U |  | 7,318 | NA |
| Intel Core i7-1060NG7 @ 1.20GHz |  | 7,316 | NA |
| Intel Xeon E5-1630 v4 @ 3.50GHz |  | 7,300 | \$35.00* |














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|-------------------------------|---|-------|----------|
| Intel Core i7-6700T @ 2.80GHz |  | 7,288 | \$305.00 |
| AMD Opteron 6281 |  | 7,279 | NA |

CPU Benchmarks

| | | | |
|----------------------------------|---|-------|-------------|
| Intel Xeon E3-1280 v3 @ 3.60GHz |  | 7,256 | \$249.00* |
| Intel Xeon E3-1281 v3 @ 3.70GHz |  | 7,244 | \$546.25 |
| Intel Xeon E5-4610 v3 @ 1.70GHz |  | 7,229 | \$1,219.00* |
| Intel Core i7-4790 @ 3.60GHz |  | 7,224 | \$200.00 |
| AMD Athlon Gold PRO 3150GE |  | 7,212 | NA |
| Intel Core i7-990X @ 3.47GHz |  | 7,209 | \$1,500.19 |
| Intel Xeon E-2224 @ 3.40GHz |  | 7,202 | \$299.95* |
| Intel Xeon W3690 @ 3.47GHz |  | 7,202 | \$450.19 |
| Intel Xeon E3-1246 v3 @ 3.50GHz |  | 7,198 | \$147.00 |
| AMD Ryzen 3 3200G |  | 7,198 | \$285.00 |
| Intel Xeon E3-1270 v3 @ 3.50GHz |  | 7,195 | \$128.99 |
| Intel Xeon E5-2628L v2 @ 1.90GHz |  | 7,181 | NA |
| Intel Xeon D-1537 @ 1.70GHz |  | 7,176 | \$571.00* |
| Intel Xeon D-1539 @ 1.60GHz |  | 7,175 | \$486.00* |
| AMD Ryzen 7 PRO 2700U |  | 7,156 | NA |
| Intel Core i7-6770HQ @ 2.60GHz |  | 7,150 | \$619.00* |
| Intel Core i7-7820HQ @ 2.90GHz |  | 7,139 | \$378.00* |
| Intel Core i7-4770K @ 3.50GHz |  | 7,123 | \$329.99 |
| Intel Xeon E3-1275 v3 @ 3.50GHz |  | 7,121 | \$749.00 |
| Intel Xeon D-1557 @ 1.50GHz |  | 7,118 | \$694.00* |
| AMD Ryzen 5 3500U |  | 7,117 | NA |
| Intel Xeon X5679 @ 3.20GHz |  | 7,095 | NA |
| Intel Xeon E3-1505M v5 @ 2.80GHz |  | 7,080 | NA |
| Intel Core i7-995X @ 3.60GHz |  | 7,079 | NA |
| Intel Core i5-8305G @ 2.80GHz |  | 7,073 | NA |
| Intel Xeon E3-1245 v3 @ 3.40GHz |  | 7,073 | \$299.00 |
| AMD Ryzen 3 PRO 3200GE |  | 7,071 | NA |
| Intel Core i7-4771 @ 3.50GHz |  | 7,066 | \$247.00 |
| Intel Core i7-4940MX @ 3.10GHz |  | 7,047 | \$699.95* |
| Intel Xeon E3-1240 v3 @ 3.40GHz |  | 7,038 | \$681.00* |
| Intel Core i7-5850EQ @ 2.70GHz |  | 7,036 | \$435.00* |
| Intel Core i7-10610U @ 1.80GHz |  | 7,035 | \$409.00* |
| Intel Xeon E3-1241 v3 @ 3.50GHz |  | 7,024 | \$79.99 |
| Intel Core i7-4770 @ 3.40GHz |  | 7,023 | \$137.00 |
| Intel Core i7-980 @ 3.33GHz |  | 7,018 | \$1,500.19 |
| AMD Opteron 6386 SE |  | 7,017 | \$135.09* |
| Intel Xeon E5-1620 v3 @ 3.50GHz |  | 7,005 | \$195.00 |
| Intel Xeon E3-1505M v6 @ 3.00GHz |  | 7,004 | NA |
| AMD Ryzen 3 PRO 3200G |  | 6,998 | NA |
| Intel Xeon E5-4607 v2 @ 2.60GHz |  | 6,986 | \$72.80* |
| Intel Core i7-6700TE @ 2.40GHz |  | 6,985 | NA |
| Intel Xeon X5690 @ 3.47GHz |  | 6,978 | \$179.95 |
| Intel Xeon E3-1231 v3 @ 3.40GHz |  | 6,972 | \$98.00 |
| Intel Xeon E-2124 @ 3.30GHz |  | 6,957 | \$199.99 |

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|---------------------------------|---|-------|-----------|
| Intel Core i7-4790S @ 3.20GHz |  | 6,935 | \$198.00 |
| Intel Xeon E5-2440 v2 @ 1.90GHz |  | 6,927 | \$499.95* |

CPU Benchmarks

| | | | |
|------------------------------------|---|-------|-------------|
| AMD Ryzen 5 PRO 3500U |  | 6,925 | NA |
| Intel Core i7-6820EQ @ 2.80GHz |  | 6,924 | NA |
| Intel Xeon E3-1285 v3 @ 3.60GHz |  | 6,919 | NA |
| Intel Xeon E5-2623 v3 @ 3.00GHz |  | 6,908 | \$249.95 |
| AMD Ryzen 5 PRO 2500U |  | 6,905 | NA |
| Intel Xeon W3680 @ 3.33GHz |  | 6,896 | \$350.19 |
| Intel Core i7-6820HK @ 2.70GHz |  | 6,892 | \$378.00* |
| AMD Ryzen 3 1300X |  | 6,888 | \$120.00 |
| AMD Ryzen 5 3450U |  | 6,868 | NA |
| Intel Core i7-5850HQ @ 2.70GHz |  | 6,866 | \$434.00* |
| Intel Core i7-10510U @ 1.80GHz |  | 6,865 | \$409.00* |
| Intel Xeon E5-2430 v2 @ 2.50GHz |  | 6,864 | \$54.99* |
| Intel Core i5-7600K @ 3.80GHz |  | 6,855 | \$203.99 |
| Intel Xeon E3-1285L v3 @ 3.10GHz |  | 6,848 | \$898.50 |
| Intel Core i3-8350K @ 4.00GHz |  | 6,839 | \$240.70 |
| Intel Xeon E5-4620 @ 2.20GHz |  | 6,830 | \$92.84 |
| Intel Core i7-4980HQ @ 2.80GHz |  | 6,822 | NA |
| AMD Ryzen 7 2700U |  | 6,813 | NA |
| AMD Ryzen Embedded V1605B |  | 6,809 | NA |
| Intel Core i7-4770S @ 3.10GHz |  | 6,805 | \$900.00 |
| AMD Ryzen 3 2200G |  | 6,794 | \$158.95 |
| Intel Xeon X5680 @ 3.33GHz |  | 6,782 | \$145.00 |
| Intel Xeon E5-2448L v2 @ 1.80GHz |  | 6,774 | \$1,424.00* |
| Intel Core i7-980X @ 3.33GHz |  | 6,773 | \$1,099.95 |
| Intel Core i3-9100F @ 3.60GHz |  | 6,760 | \$135.00 |
| Intel Core i7-4930MX @ 3.00GHz |  | 6,753 | \$1,096.00* |
| AMD FX-9590 Eight-Core |  | 6,736 | \$344.04 |
| Intel Xeon E3-1230 v3 @ 3.30GHz |  | 6,734 | \$379.00 |
| Intel Xeon E5-2637 v4 @ 3.50GHz |  | 6,727 | \$143.00 |
| Intel Core i5-10310U @ 1.70GHz |  | 6,673 | \$297.00* |
| AMD Ryzen 3 PRO 2200G |  | 6,669 | NA |
| AMD Opteron 6380 |  | 6,645 | \$799.94 |
| Intel Core i5-7640X @ 4.00GHz |  | 6,636 | \$99.00 |
| Intel Core i5-7600 @ 3.50GHz |  | 6,634 | \$178.00 |
| Intel Core i3-9100 @ 3.60GHz |  | 6,624 | \$115.00 |
| Intel Xeon E5-2637 v2 @ 3.50GHz |  | 6,620 | \$39.99 |
| Intel Core i7-1180G7 @ 1.30GHz |  | 6,607 | \$426.00* |
| Intel Xeon E3-1268L v5 @ 2.40GHz |  | 6,600 | \$456.54* |
| Intel Xeon Platinum 8151 @ 3.40GHz |  | 6,591 | NA |
| Intel Core i7-8665UE @ 1.70GHz |  | 6,587 | \$409.00* |
| Intel Xeon E5-1428L v2 @ 2.20GHz |  | 6,566 | \$20.37* |
| Intel Xeon E3-1275 V2 @ 3.50GHz |  | 6,552 | \$143.00 |
| Intel Core i7-6700HQ @ 2.60GHz |  | 6,552 | \$378.00* |
| AMD Ryzen 5 2500U |  | 6,546 | NA |
| Intel Xeon W3680 @ 3.33GHz |  | 6,515 | \$350.19 |

| | | | |
|---------------------------------|--|-------|----------|
| Intel Core i7-4820K @ 3.70GHz | | 6,509 | \$104.88 |
| Intel Xeon E5-2420 v2 @ 2.20GHz | | 6,498 | \$107.24 |

CPU Benchmarks

| | | | |
|----------------------------------|--|-------|-----------|
| Intel Xeon E3-1265L v4 @ 2.30GHz | | 6,493 | NA |
| Intel Core i7-8665U @ 1.90GHz | | 6,478 | \$704.49* |
| Intel Xeon E3-1290 V2 @ 3.70GHz | | 6,461 | \$885.00* |
| Intel Xeon E5-4610 @ 2.40GHz | | 6,460 | \$215.19 |
| Intel Core i7-4960HQ @ 2.60GHz | | 6,453 | \$623.00* |
| Intel Core i5-10210U @ 1.60GHz | | 6,452 | \$702.62* |
| Intel Xeon E3-1280 V2 @ 3.60GHz | | 6,451 | \$388.19 |
| Intel Xeon E3-1286L v3 @ 3.20GHz | | 6,450 | \$774.00* |
| Intel Core i7-3770K @ 3.50GHz | | 6,450 | \$265.00 |



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| | | | |
|---------------------------------|--|-------|-----------|
| Intel Xeon E3-1220 v3 @ 3.00GHz | | 6,380 | \$99.99 |
| Intel Core i7-3770 @ 3.40GHz | | 6,379 | \$159.35 |
| Intel Core i7-8565U @ 1.80GHz | | 6,366 | \$615.00* |
| Intel Core i5-8365U @ 1.60GHz | | 6,354 | \$539.07* |
| AMD Opteron 6276 | | 6,351 | \$968.46 |

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