załącznik 2b

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| CPU Mark | Price Performance |
|---|---|

# PassMark - CPU Mark

High End CPUs

Updated 18th of November 2024

| CPU | CPU Mark | Price (USD) |
|---|---|---|
| AMD EPYC 9655P | 158,845 | $10,811.00* |
| AMD Ryzen Threadripper PRO 7995WX | 153,665 | $9,999.00 |
| AMD Ryzen Threadripper 7980X | 133,975 | $4,800.99 |
| AMD Ryzen Threadripper PRO 7985WX | 133,194 | $7,349.00 |
| AMD EPYC 9684X | 120,760 | $7,987.00* |
| AMD EPYC 9654 | 120,295 | $4,287.00 |
| AMD EPYC 9R14 | 116,475 | NA |
| AMD EPYC 9654P | 113,949 | $5,297.00 |
| AMD EPYC 9554 | 111,794 | $1,999.00 |
| AMD EPYC 9554P | 110,733 | $4,550.00* |
| AMD EPYC 9634 | 107,944 | $3,797.00 |
| AMD EPYC 9474F | 105,010 | $3,950.00 |
| AMD EPYC 9754 | 100,460 | $6,750.00 |
| Intel Xeon w9-3595X | 98,888 | $5,889.00* |
| AMD Ryzen Threadripper 7970X | 98,617 | $2,297.00 |
| AMD EPYC 9454P | 95,918 | $3,450.00* |
| AMD Ryzen Threadripper PRO 7975WX | 95,664 | $3,799.99 |

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|---|---|---|
| AMD Ryzen Threadripper PRO 5995WX | 93,192 | $3,725.99 |
| Intel Xeon w9-3495X | 91,936 | $5,889.00* |

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|---|---|---|
| AMD Ryzen Threadripper PRO 7965WX | 80,865 | $2,549.00 |
| AMD EPYC 7R43 | 80,721 | NA |
| AMD Ryzen Threadripper 3990X | 80,659 | $1,799.95 |
| AMD EPYC 9374F | 79,826 | $3,495.00 |
| AMD EPYC 7B13 | 77,460 | NA |
| Intel Xeon w7-3565X | 76,649 | $2,689.00* |
| AMD EPYC 9354P | 76,605 | $2,280.00 |
| Intel Xeon 6740E | 76,167 | $5,265.00* |
| AMD EPYC 7643 | 76,050 | $1,267.00 |
| AMD Ryzen Threadripper PRO 5975WX | 75,654 | $3,378.09 |
| Intel Xeon Platinum 8461V | 74,982 | $4,491.00* |
| AMD EPYC 9274F | 73,582 | $2,550.00 |
| AMD EPYC 7662 | 72,298 | $3,997.00 |
| AMD EPYC 8534P | 71,900 | NA |
| AMD EPYC 7C13 | 70,474 | NA |
| AMD EPYC 7702 | 70,107 | $1,375.00 |
| AMD EPYC 7742 | 69,663 | $1,678.95 |
| AMD EPYC 7H12 | 69,633 | $1,649.95 |
| AMD EPYC 7573X | 69,432 | $5,250.00* |
| AMD EPYC 75F3 | 68,505 | $4,039.75 |
| Intel Core Ultra 9 285K | 68,498 | $629.99 |
| Intel Xeon Platinum 8571N | 68,385 | NA |
| AMD EPYC 9254 | 67,847 | $1,995.00 |
| AMD EPYC 9354 | 67,842 | $2,895.00 |
| AMD EPYC 7543P | 66,687 | $1,771.28 |
| AMD Ryzen Threadripper PRO 5965WX | 66,680 | $2,222.00 |
| AMD EPYC 8434P | 66,490 | NA |
| AMD Ryzen 9 9950X | 66,329 | $703.35 |
| AMD EPYC 7B12 | 66,044 | NA |
| Intel Xeon w7-3465X | 65,618 | $2,889.00* |
| Intel Xeon Gold 6530 | 65,533 | $2,128.00* |

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|---|---|---|
| AMD EPYC 7R32 | 64,727 | NA |
| AMD EPYC 7702P | 63,300 | $1,662.55 |

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|---|---|---|
| Intel Xeon Gold 5512U | 60,365 | $1,230.00* |
| Intel Core i9-14900K | 60,155 | $438.49 |
| AMD EPYC 4584PX | 60,033 | NA |
| AMD Ryzen Threadripper PRO 7955WX | 59,968 | NA |
| Intel Core i9-14900KF | 59,530 | $608.84 |
| AMD EPYC 7513 | 59,285 | $1,569.64 |
| AMD EPYC 7473X | 59,280 | NA |
| Intel Core Ultra 7 265K | 59,268 | $388.95 |
| Intel Xeon W-3375 @ 2.50GHz | 59,091 | $4,499.00* |
| Intel Xeon W-3365 @ 2.70GHz | 59,038 | $3,851.00* |
| Intel Core i9-13900K | 59,010 | $399.99 |
| Intel Xeon Gold 6421N | 58,797 | $2,368.00* |
| AMD EPYC 7642 | 58,795 | $846.99 |
| Intel Xeon w7-3455 | 58,393 | $2,489.00* |
| Intel Core i9-13900KF | 58,330 | $376.52 |
| AMD EPYC 7K62 | 58,320 | NA |
| Intel Xeon w7-2495X | 58,228 | $2,603.96* |
| Intel Xeon Gold 5420+ | 58,209 | $1,848.00* |
| Intel Xeon Gold 6442Y | 57,986 | $2,878.00* |
| AMD Ryzen 9 7945HX3D | 57,908 | NA |
| Ampere ARM - 192 Core 3200 MHz | 57,444 | NA |
| Intel Xeon Gold 6423N | 57,434 | $2,161.00* |
| ARM Neoverse-V2 72 Core 3465 MHz | 57,369 | NA |
| ARM Neoverse-V2 72 Core 3519 MHz | 57,240 | NA |
| Intel Xeon Gold 6414U | 57,200 | $2,296.00* |
| AMD EPYC 8324P | 57,127 | NA |
| AMD EPYC 7443P | 57,088 | $1,494.70 |
| Intel Xeon w5-2565X | 56,739 | $1,339.00* |
| AMD EPYC 7443 | 56,601 | $2,230.99* |
| Intel Xeon Platinum 8375C @ 2.90GHz | 56,202 | NA |
| AMD EPYC 9174F | 55,485 | $2,275.00 |

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|---|---|---|
| AMD Ryzen 9 9900X | 54,881 | $382.55 |
| AMD Ryzen 9 7945HX | 54,693 | NA |

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|---|---|---|
| AMD EPYC 7453 | 50,575 | $1,461.48 |
| AMD Ryzen 9 7900X3D | 50,395 | $568.99 |
| Apple M2 Ultra 24 Core | 50,389 | NA |
| AMD EPYC 9184X | 50,344 | $3,750.00* |
| AMD EPYC 7413 | 50,223 | $1,447.63 |
| AMD Ryzen Threadripper PRO 5955WX | 50,096 | $1,069.99 |
| AMD Ryzen Threadripper PRO 7945WX | 49,607 | NA |
| Intel Xeon Platinum 8347C @ 2.10GHz | 49,386 | NA |
| Montage Jintide C5418Y | 49,045 | NA |
| AMD EPYC 7R12 | 48,934 | NA |
| AMD Ryzen 9 7900 | 48,817 | $413.49 |
| AMD EPYC 4464P | 48,518 | NA |
| Intel Core i9-14900 | 48,173 | $578.99 |
| Intel Xeon Gold 6314U @ 2.30GHz | 48,013 | $2,782.00* |
| AMD EPYC 7502 | 47,983 | $893.99 |
| Intel Xeon w7-3445 | 47,864 | $1,989.00* |
| AMD Ryzen 9 PRO 7945 | 47,830 | NA |
| Intel Xeon Gold 6342 @ 2.80GHz | 47,320 | $2,399.95 |
| Intel Core i9-14900F | 47,298 | $562.99 |
| Intel Core i9-13980HX | 47,161 | $668.00* |
| Intel Core i9-13900 | 46,978 | $542.74 |
| Intel Xeon w5-2465X | 46,906 | $1,519.02 |
| Intel Xeon Platinum 8368Q @ 2.60GHz | 46,681 | NA |
| Intel Core i7-13700KF | 46,586 | $281.10 |
| Intel Core i7-13700K | 46,403 | $273.47 |
| Intel Core i7-13790F | 46,309 | $444.99 |
| Intel Xeon w5-3435X | 46,306 | $1,703.43* |
| Intel Xeon Silver 4416+ | 46,208 | $1,176.00* |
| AMD EPYC 73F3 | 46,103 | $2,203.10 |
| Intel Xeon Gold 6526Y | 46,025 | $1,517.00* |
| AMD EPYC 7402 | 46,012 | $660.98 |

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|---|---|---|
| Intel Xeon W-3345 @ 3.00GHz | 45,694 | $2,499.00* |
| AMD Ryzen 9 5950X | 45,601 | $317.00 |

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| AMD EPYC 7343 | 43,561 | $1,027.21 |
| Intel Core i9-13950HX | 43,488 | $590.00* |
| ARM Neoverse-N1 128 Core 3000 MHz | 43,229 | NA |
| ARM Neoverse-N1 128 Core 2800 MHz | 43,111 | NA |
| Intel Core i7-14700 | 43,060 | $329.91 |
| Intel Xeon Gold 6330 @ 2.00GHz | 43,056 | $1,249.95 |
| Apple M4 Max 16 Core | 43,036 | NA |
| AMD EPYC 7D12 | 43,032 | NA |
| AMD EPYC 9224 | 42,448 | $1,550.00* |
| Intel Xeon Gold 6312U @ 2.40GHz | 42,124 | $1,809.59* |
| Intel Xeon Gold 6338N @ 2.20GHz | 42,086 | $4,671.69* |
| Intel Xeon w5-2545 | 41,688 | $889.00* |
| AMD EPYC 7313P | 41,609 | $1,029.99 |
| Intel Core i9-12900K | 41,471 | $276.66 |
| Intel Xeon Gold 6354 @ 3.00GHz | 41,445 | $2,453.86 |
| Apple M1 Ultra 20 Core | 41,209 | NA |
| Intel Core i9-12900KF | 41,115 | $281.59 |
| Apple M3 Max 16 Core | 41,003 | NA |
| Intel Xeon W-3275 @ 2.50GHz | 40,931 | $4,894.00* |
| AMD Ryzen 7 7840HX | 40,826 | NA |
| Intel Xeon Platinum 8275CL @ 3.00GHz | 40,794 | NA |
| AMD EPYC 7F52 | 40,756 | $1,705.52* |
| Intel Xeon Gold 6416H | 40,606 | $1,444.00* |
| AMD Ryzen Threadripper PRO 5945WX | 40,490 | NA |
| AMD Ryzen Threadripper PRO 3955WX | 40,299 | $1,000.00 |
| Intel Xeon Gold 6258R @ 2.70GHz | 40,252 | $3,578.31 |
| AMD EPYC 7352 | 40,096 | $698.95 |
| AMD Ryzen 7 9800X3D | 40,045 | $479.00 |
| Intel Xeon W-3275M @ 2.50GHz | 39,736 | $7,453.00* |
| Intel Core i9-14900T | 39,300 | $549.00* |
| Intel Xeon W-3335 @ 3.40GHz | 39,293 | $1,299.00* |

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|---|---|---|
| AMD EPYC 7313 | 39,091 | $868.00 |
| Intel Core i5-14600K | 38,956 | $259.99 |

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|---|---|---|
| AMD Ryzen 7 9700X | 37,299 | $320.00 |
| Intel Xeon W-3175X @ 3.10GHz | 37,167 | $3,039.28* |
| Intel Core i7-13700 | 36,956 | $319.99 |
| Intel Xeon w5-3425 | 36,867 | $1,189.00* |
| Intel Core i7-14650HX | 36,731 | $495.00* |
| AMD EPYC 8124P | 36,630 | NA |
| Apple M3 Max 14 Core | 36,531 | NA |
| Intel Core i9-12900F | 36,441 | $294.83 |
| Intel Xeon Gold 6330N @ 2.20GHz | 36,360 | $1,935.44 |
| AMD EPYC 4364P | 36,124 | NA |
| AMD Ryzen 7 7700X | 35,984 | $264.99 |
| Intel Xeon Gold 5416S | 35,976 | $944.00* |
| Intel Xeon Platinum 8273CL @ 2.20GHz | 35,769 | NA |
| AMD Ryzen AI 9 HX 370 | 35,577 | NA |
| Intel Xeon Gold 6248R @ 3.00GHz | 35,434 | $1,759.98 |
| Intel Xeon Gold 6326 @ 2.90GHz | 35,270 | $1,350.00 |
| Intel Core i9-12900TE | 35,057 | $544.00* |
| Intel Xeon w5-3433 | 34,849 | NA |
| Intel Core i7-13700E | 34,728 | $390.00* |
| AMD Ryzen 7 PRO 7745 | 34,652 | NA |
| AMD Ryzen 7 7700 | 34,639 | $274.00 |
| ARM Neoverse-N1 80 Core 3000 MHz | 34,639 | NA |
| Intel Core i7-12700K | 34,593 | $409.00* |
| AMD Ryzen 9 PRO 5945 | 34,573 | NA |
| Intel Xeon Gold 6268CL @ 2.80GHz | 34,558 | NA |
| Intel Xeon Platinum 8268 @ 2.90GHz | 34,483 | $6,005.98* |
| AMD EPYC 4344P | 34,474 | $370.99* |
| AMD Ryzen 9 5900 | 34,384 | NA |
| Intel Core i7-12700KF | 34,326 | $190.99 |
| Intel Core i9-12900 | 34,286 | $411.95 |
| Intel Xeon Gold 6242R @ 3.10GHz | 34,282 | $1,500.00 |

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|---|---|---|
| AMD EPYC 7601 | 34,079 | $329.95 |
| Intel Core i9-13900F | 34,049 | $554.00* |



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|---|---|---|
| Intel Core i9-10980XE @ 3.00GHz | 32,787 | $775.00 |
| Intel Xeon Platinum 8280 @ 2.70GHz | 32,781 | $2,999.48 |
| Intel Xeon Gold 5220R @ 2.20GHz | 32,765 | $1,150.00 |
| AMD Ryzen 7 7745HX | 32,760 | NA |
| AMD EPYC 7302P | 32,669 | $741.95 |
| AMD Ryzen 9 3900XT | 32,666 | $239.00 |
| AMD Ryzen 9 3900X | 32,619 | $192.32 |
| Intel Core i9-12950HX | 32,346 | $590.00* |
| AMD Ryzen Threadripper 2990WX | 32,193 | $2,698.95* |
| Intel Xeon w5-2445 | 32,167 | $839.00* |
| Intel Core i5-14500 | 32,140 | $239.99 |
| Intel Core i7-12800HX | 32,116 | $457.00* |
| Intel Core i9-9980XE @ 3.00GHz | 31,979 | $699.64 |
| Intel Core i5-13600 | 31,902 | $255.00* |
| Intel Core i5-13500 | 31,818 | $243.47 |
| AMD Ryzen 7 8700G | 31,801 | $278.96 |
| AMD Ryzen 7 PRO 8700G | 31,762 | NA |
| Intel Xeon Gold 5320H @ 2.40GHz | 31,718 | $1,555.00* |
| AMD Ryzen 9 PRO 3900 | 31,616 | NA |
| Intel Core i9-13900HK | 31,536 | $697.00* |
| Intel Xeon Gold 6254 @ 3.10GHz | 31,513 | $1,498.95 |
| Intel Core i7-14700T | 31,494 | $384.00* |
| Intel Xeon Silver 4316 @ 2.30GHz | 31,341 | $899.95 |
| Intel Core i7-13650HX | 31,320 | $485.00* |
| Intel Xeon Platinum 8259CL @ 2.50GHz | 31,142 | NA |
| Intel Xeon W-3245 @ 3.20GHz | 30,922 | $2,683.99* |
| AMD Ryzen AI 9 HX 375 | 30,886 | NA |
| AMD Ryzen 9 3900 | 30,803 | $504.05* |
| AMD EPYC 7371 | 30,782 | $609.99* |
| Intel Core i7-12850HX | 30,774 | $428.00* |
| Intel Core i7-12700 | 30,764 | $241.73 |

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|---|---|---|
| AMD Ryzen Threadripper 2970WX | 30,669 | $850.00* |
| AMD Ryzen 7 8700F | 30,663 | $215.00 |

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| AMD Ryzen 9 8945H | 30,112 | NA |
| Intel Xeon W-3265 @ 2.70GHz | 30,105 | $4,551.37* |
| Intel Core i9-7980XE @ 2.60GHz | 30,070 | $899.00 |
| Intel Core i9-12900T | 30,056 | $489.00* |
| Intel Xeon Platinum 8270 @ 2.70GHz | 29,986 | $4,021.86 |
| ARM Neoverse-N1 96 Core 2800 MHz | 29,890 | NA |
| Intel Xeon Gold 6248 @ 2.50GHz | 29,831 | $445.50 |
| Intel Xeon E-2478 | 29,827 | $556.00* |
| Intel Core i7-12800HE | 29,805 | $506.00* |
| AMD Ryzen 9 8945HS | 29,683 | NA |
| AMD Ryzen Threadripper 2950X | 29,456 | $856.62* |
| Intel Core i7-12700E | 29,384 | $344.00* |
| Intel Core Ultra 9 185H | 29,366 | NA |
| Intel Xeon Gold 5318H @ 2.50GHz | 29,301 | $1,273.00* |
| AMD Ryzen 7 PRO 8845HS | 29,199 | NA |
| Intel Xeon E-2488 | 29,060 | $606.00* |
| Intel Xeon Gold 6148 @ 2.40GHz | 29,009 | $290.00 |
| Intel Xeon Silver 4314 @ 2.40GHz | 28,954 | $743.13 |
| Intel Core i9-7960X @ 2.80GHz | 28,922 | $460.01 |
| Intel Xeon Gold 6210U @ 2.50GHz | 28,915 | $1,167.44* |
| AMD Ryzen 7 7840HS | 28,915 | NA |
| AMD Ryzen 7 8845HS | 28,868 | NA |
| Intel Xeon Silver 4410T | 28,859 | $624.00* |
| Intel Xeon Platinum 8160 @ 2.10GHz | 28,825 | $1,495.00 |
| Intel Core i9-13900H | 28,725 | $617.00* |
| Intel Xeon Gold 6238 @ 2.10GHz | 28,668 | $739.89 |
| Intel Core i5-14490F | 28,662 | NA |
| AMD Ryzen 9 7940H | 28,660 | NA |
| Intel Xeon Gold 6154 @ 3.00GHz | 28,632 | $931.00 |
| AMD EPYC 7303 | 28,572 | $604.00* |
| Intel Xeon Gold 6253CL @ 3.10GHz | 28,549 | NA |

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|---|---|---|
| Intel Xeon D-2795NT @ 2.00GHz | 28,463 | $2,228.00* |
| AMD Ryzen 7 7840H | 28,390 | NA |

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|---|---|---|
| Intel Core i9-10940X @ 3.30GHz | 27,882 | $699.00 |
| Intel Xeon W-2275 @ 3.30GHz | 27,866 | $800.00 |
| AMD Ryzen 7 5800X | 27,843 | $160.00 |
| Intel Core i5-14450HX | 27,773 | $337.00* |
| Intel Core i5-12600K | 27,691 | $167.00 |
| AMD Ryzen Threadripper 1950X | 27,607 | $624.95* |
| Intel Core i5-13600HX | 27,606 | $284.00* |
| Intel Core i5-13490F | 27,574 | $194.99 |
| Intel Core i7-13700T | 27,490 | $384.00* |
| Intel Xeon Gold 6212U @ 2.40GHz | 27,470 | $3,902.62* |
| Intel Xeon Gold 6150 @ 2.70GHz | 27,446 | $196.00 |
| AMD EPYC 7571 | 27,445 | NA |
| AMD EPYC 4244P | 27,415 | NA |
| Intel Xeon Gold 5317 @ 3.00GHz | 27,387 | $897.66 |
| Intel Core i9-12900HK | 27,369 | $635.00* |
| Intel Xeon Platinum 8124M @ 3.00GHz | 27,336 | NA |
| Intel Core i5-14500HX | 27,315 | $337.00* |
| Intel Xeon D-2775TE @ 2.00GHz | 27,299 | $1,820.00* |
| AMD EPYC 72F3 | 27,252 | $1,243.22 |
| Intel Xeon Gold 6252 @ 2.10GHz | 27,148 | $1,006.40 |
| Intel Core i7-13700H | 27,118 | $502.00* |
| AMD Ryzen 5 PRO 7645 | 27,106 | NA |

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|---|---|---|
| Intel Xeon Gold 6208U @ 2.90GHz | 27,085 | $950.00 |
| Intel Xeon Gold 6230 @ 2.10GHz | 27,069 | $790.86 |

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| Intel Xeon Gold 6226R @ 2.90GHz | 26,297 | $967.00 |
| Intel Xeon Gold 6242 @ 2.80GHz | 26,288 | $783.02 |
| Intel Core Ultra 7 165H | 26,238 | NA |
| Intel Xeon E-2468 | 26,221 | $426.00* |
| Intel Core i9-10920X @ 3.50GHz | 26,182 | $655.97 |
| AMD Ryzen 5 7600X3D | 26,132 | $384.99 |
| Intel Core i7-12700H | 26,122 | $457.00* |
| Intel Xeon Gold 6240 @ 2.60GHz | 26,000 | $655.15 |
| Intel Xeon W-2265 @ 3.50GHz | 25,987 | $876.39 |
| AMD Ryzen 7 PRO 5845 | 25,961 | NA |
| AMD EPYC 7551 | 25,960 | $119.95 |
| Intel Xeon E5-2699A v4 @ 2.40GHz | 25,957 | $4,938.00* |
| Intel Core i9-7940X @ 3.10GHz | 25,954 | $300.00 |
| Intel Xeon W-3323 @ 3.50GHz | 25,875 | $949.00* |
| AMD Ryzen Threadripper 2990X | 25,874 | NA |
| AMD EPYC 7451 | 25,863 | $1,787.00* |
| Apple M3 Pro 12 Core | 25,776 | NA |
| AMD Ryzen 7 5800 | 25,745 | NA |
| Intel Core i5-14400F | 25,745 | $175.81 |
| Intel Xeon Gold 6152 @ 2.10GHz | 25,693 | $650.00 |
| AMD EPYC 7351P | 25,657 | $300.00 |
| Intel Xeon E5-2698R v4 @ 2.20GHz | 25,605 | NA |
| Intel Core i5-14400 | 25,601 | $210.49 |
| Intel Xeon Gold 5515+ | 25,587 | $1,099.00* |
| Intel Xeon W-3235 @ 3.30GHz | 25,578 | $1,998.95* |
| Intel Core i5-13450HX | 25,503 | $326.00* |
| AMD Ryzen Threadripper 2920X | 25,454 | $398.88 |
| Intel Xeon Platinum 8167M @ 2.00GHz | 25,396 | NA |
| AMD Ryzen 5 8600G | 25,365 | $169.70 |
| AMD Ryzen 5 PRO 8600G | 25,288 | NA |
| Intel Xeon W-1390P @ 3.50GHz | 25,240 | NA |

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|---|---|---|
| Intel Core i5-13400F | 25,165 | $183.02 |
| Intel Core i9-9920X @ 3.50GHz | 25,163 | $300.15 |

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| Intel Xeon Gold 6222V @ 1.80GHz | 24,764 | $1,710.89 |
| Apple M3 Pro 11 Core | 24,757 | NA |
| Intel Xeon Gold 5218R @ 2.10GHz | 24,742 | $810.00 |
| AMD Ryzen 7 PRO 7840U | 24,726 | NA |
| Intel Xeon E E-2486 | 24,713 | $506.00* |
| Apple M4 10 Core | 24,600 | NA |
| Intel Core i5-12600HE | 24,599 | $315.00* |
| Intel Core i5-14400T | 24,598 | $221.00* |
| Intel Core i7-11700K @ 3.60GHz | 24,573 | $235.93 |
| AMD Ryzen 7 5700G | 24,551 | $159.00 |
| AMD Ryzen 7 8840HS | 24,529 | NA |
| Qualcomm Snapdragon X Elite - X1E-84-100 | 24,528 | NA |
| Intel Xeon Gold 6140 @ 2.30GHz | 24,445 | $490.00 |
| Intel Core i5-14600T | 24,439 | $255.00* |
| AMD Ryzen 7 PRO 5750G | 24,426 | NA |
| Intel Xeon Silver 4410Y | 24,399 | $563.00* |
| AMD Ryzen 7 7840S | 24,309 | NA |
| AMD Ryzen 7 5700 | 24,279 | $130.00 |
| Intel Core i5-14500T | 24,269 | $232.00* |
| Intel Xeon Gold 6138 @ 2.00GHz | 24,264 | $215.60 |
| AMD Ryzen 5 PRO 8600GE | 24,262 | NA |
| Intel Core i5-13600H | 24,255 | $311.00* |
| Intel Xeon Gold 5220 @ 2.20GHz | 24,154 | $1,033.84 |
| Intel Xeon E5-2679 v4 @ 2.50GHz | 24,131 | $2,702.00* |
| Intel Core i5-12600HX | 24,096 | $284.00* |
| Intel Xeon W-2170B @ 2.50GHz | 24,055 | NA |
| Intel Xeon Silver 4216R @ 2.20GHz | 24,027 | NA |
| AMD Ryzen 7 PRO 8840U | 24,001 | NA |
| AMD Ryzen 5 8400F | 23,989 | $135.00 |
| AMD Ryzen 7 7435HS | 23,944 | NA |
| AMD Ryzen 7 7735HS | 23,939 | NA |

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|---|---|---|
| AMD Ryzen 7 7735H | 23,898 | NA |
| AMD Ryzen 7 8840U | 23,892 | NA |

## CPU Benchmarks



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|---|---|---|
| Intel Xeon Gold 6146 @ 3.20GHz | 23,296 | $784.00 |
| AMD EPYC 7351 | 23,226 | $649.00* |
| Intel Core i5-13400 | 23,192 | $183.99 |
| Intel Xeon Platinum 8176 @ 2.10GHz | 23,179 | $2,793.70* |
| AMD Ryzen 7 3800X | 23,140 | $199.99 |
| Intel Core i7-13700TE | 23,113 | $390.00* |
| AMD Ryzen Threadripper 1920X | 23,088 | $209.99 |
| Intel Core Ultra 5 135H | 23,055 | NA |
| Qualcomm Snapdragon X Elite - X1E-78-100 | 23,038 | NA |
| AMD Ryzen 5 7640HS | 23,006 | NA |
| Qualcomm Snapdragon X Elite - X1E-80-100 | 22,967 | NA |
| Intel Xeon W-1370 @ 2.90GHz | 22,926 | $468.99* |
| AMD Ryzen 7 6800HS | 22,925 | NA |
| Intel Core i9-11900KB @ 3.30GHz | 22,917 | $539.00* |
| AMD Ryzen 7 PRO 3700 | 22,899 | $329.99* |
| AMD Ryzen 9 PRO 6950H | 22,897 | NA |
| AMD Ryzen 5 PRO 7640HS | 22,778 | NA |
| AMD Ryzen 5 8645HS | 22,777 | NA |
| Intel Core i9-10900K @ 3.70GHz | 22,766 | $449.99 |
| Intel Core i9-11980HK @ 2.60GHz | 22,741 | $583.00* |
| AMD Ryzen 9 PRO 6950HS | 22,697 | NA |
| Intel Core i5-13500H | 22,695 | NA |
| Intel Core i9-11900 @ 2.50GHz | 22,686 | $259.99 |
| Intel Xeon Platinum P-8124 @ 3.00GHz | 22,674 | NA |
| Intel Xeon W-11955M @ 2.60GHz | 22,574 | $623.00* |
| Intel Core i7-12650H | 22,549 | $457.00* |
| AMD Ryzen 7 3700X | 22,538 | $98.27 |
| Intel Core i7-11700B @ 3.20GHz | 22,535 | NA |
| AMD Ryzen AI 7 PRO 360 | 22,527 | NA |
| Intel Core i9-10900KF @ 3.70GHz | 22,519 | $249.00 |
| AMD Ryzen 9 5900HX | 22,513 | NA |

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|---|---|---|
| AMD Ryzen 7 5700GE | 22,436 | NA |
| Intel Xeon W-1290P @ 3.70GHz | 22,435 | $649.40* |



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|---|---|---|
| Apple M1 Max 10 Core 3200 MHz | 22,075 | NA |
| Intel Xeon E5-2696 v3 @ 2.30GHz | 22,073 | $546.99* |
| AMD Ryzen Threadripper 1920 | 22,066 | NA |
| AMD Ryzen 5 PRO 8640HS | 22,041 | NA |
| AMD Ryzen 5 5600X3D | 21,963 | NA |
| AMD Ryzen 5 PRO 5645 | 21,904 | NA |
| AMD Ryzen 7 PRO 5750GE | 21,888 | NA |
| AMD Ryzen 5 5600X | 21,887 | $105.00 |
| Apple M1 Pro 10 Core 3200 MHz | 21,866 | NA |
| AMD Ryzen 5 5600T | 21,858 | NA |
| Intel Core i9-9900X @ 3.50GHz | 21,853 | $291.40 |
| Intel Xeon Gold 6262 @ 1.90GHz | 21,823 | NA |
| Intel Xeon Gold 6130T @ 2.10GHz | 21,804 | $2,550.00* |
| AMD Ryzen 9 6900HS Creator Edition | 21,785 | NA |
| AMD Ryzen 7 6800HS Creator Edition | 21,781 | NA |
| Apple M2 Pro 10 Core 3480 MHz | 21,741 | NA |
| AMD Ryzen 5 8500G | 21,727 | $149.00 |
| Intel Xeon Gold 5218 @ 2.30GHz | 21,651 | $331.26 |
| AMD Ryzen 9 5900HS | 21,645 | NA |
| AMD EPYC 7281 | 21,621 | $327.00 |
| Intel Xeon E7-8891 v3 @ 2.80GHz | 21,615 | $6,841.00* |
| AMD Ryzen 5 5600 | 21,574 | $99.89 |
| Intel Xeon E5-2697A v4 @ 2.60GHz | 21,567 | NA |
| Intel Xeon Gold 6334 @ 3.60GHz | 21,521 | $1,842.45 |
| Intel Core i5-12600 | 21,495 | $271.99 |
| Intel Core i9-10910 @ 3.60GHz | 21,483 | NA |
| Intel Xeon Gold 5218T @ 2.10GHz | 21,433 | $1,349.00* |
| Intel Core i5-13500TE | 21,384 | $235.00* |
| Intel Core i7-12700T | 21,336 | $339.00* |
| AMD Ryzen 9 5980HS | 21,334 | NA |
| AMD Ryzen 5 PRO 7640U | 21,287 | NA |

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|---|---|---|
| AMD Ryzen 7 7735U | 21,169 | NA |
| AMD Ryzen 7 5800HS Creator Edition | 21,166 | NA |

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|---|---|---|
| Intel Xeon E5-2697R v4 @ 2.30GHz | 20,843 | NA |
| Intel Xeon Gold 5315Y @ 3.20GHz | 20,820 | $940.00 |
| AMD Ryzen 7 PRO 6850U | 20,800 | NA |
| AMD EPYC 7262 | 20,779 | $417.80 |
| AMD Ryzen 5 PRO 5650G | 20,764 | NA |
| Intel Core i5-12600HL | 20,739 | $311.00* |
| Intel Core i5-12500E | 20,699 | $225.00* |
| Intel Xeon Gold 6138T @ 2.00GHz | 20,649 | $4,999.00* |
| Intel Xeon Gold 6130 @ 2.10GHz | 20,647 | $69.00 |
| Intel Xeon E5-2673 v4 @ 2.30GHz | 20,631 | $89.00* |
| Intel Xeon D-2753NT @ 2.00GHz | 20,626 | NA |
| Intel Xeon Silver 4216 @ 2.10GHz | 20,613 | $698.95 |
| Intel Core i7-12650HX | 20,612 | $472.00* |
| AMD Ryzen 7 6800U | 20,601 | NA |
| Intel Core i9-11900H @ 2.50GHz | 20,560 | $546.00* |
| AMD Ryzen 9 5900H | 20,557 | NA |
| AMD EPYC 8024P | 20,556 | NA |
| Intel Xeon W-2150B @ 3.00GHz | 20,510 | NA |
| Intel Core i5-13400T | 20,489 | $221.00* |
| Intel Core i7-1280P | 20,452 | $482.00* |
| AMD Ryzen 7 PRO 4750G | 20,452 | $299.88* |
| Intel Core i7-11850H @ 2.50GHz | 20,447 | $395.00* |
| Intel Xeon Gold 6226 @ 2.70GHz | 20,429 | $817.00 |
| Intel Core i7-11800H @ 2.30GHz | 20,419 | $395.00* |
| Intel Xeon E5-2699 v3 @ 2.30GHz | 20,381 | $529.95 |
| AMD Ryzen 5 5600GT | 20,344 | $126.29 |
| Intel Core i5-12490F | 20,337 | $118.49 |
| Intel Xeon E5-4667 v4 @ 2.20GHz | 20,319 | $5,729.00* |
| Intel Xeon E5-2686 v4 @ 2.30GHz | 20,289 | NA |
| Intel Xeon D-1747NTE @ 2.50GHz | 20,279 | $1,201.00* |
| AMD Ryzen 5 PRO 5655G | 20,261 | NA |

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|---|---|---|
| AMD Ryzen Embedded V3C48 | 20,203 | NA |
| AMD Ryzen 5 5500GT | 20,202 | $115.00 |

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|---|---|---|
| Intel Core Ultra 7 258V | 19,723 | NA |
| Intel Xeon W-1350P @ 4.00GHz | 19,710 | $372.23* |
| Intel Core i7-11700 @ 2.50GHz | 19,675 | $289.00 |
| Intel Xeon E-2386G @ 3.50GHz | 19,640 | $579.88* |
| Intel Core i5-11600KF @ 3.90GHz | 19,632 | $130.05 |
| Intel Xeon W-11865MRE @ 2.60GHz | 19,589 | $480.00* |
| Intel Core i5-11600K @ 3.90GHz | 19,589 | $150.00 |
| Intel Core Ultra 9 288V | 19,542 | NA |
| AMD EPYC 3451 | 19,532 | NA |
| Intel Core i5-12400F | 19,525 | $109.99 |
| Intel Xeon W-2245 @ 3.90GHz | 19,470 | $480.00 |
| Intel Core i9-10900E @ 2.80GHz | 19,469 | $444.00* |
| Intel Xeon E5-2690 v4 @ 2.60GHz | 19,468 | $59.99 |
| Intel Core i9-9900KS @ 4.00GHz | 19,467 | $561.26 |
| AMD EPYC 7252 | 19,411 | $182.49 |
| AMD Ryzen 5 5500 | 19,396 | $83.58 |
| Intel Xeon D-2183IT @ 2.20GHz | 19,377 | $1,764.00* |
| Intel Xeon Gold 6137 @ 3.90GHz | 19,365 | NA |
| Intel Core i5-12400 | 19,358 | $192.00* |
| AMD Ryzen 7 Pro 7735U | 19,355 | NA |
| Intel Core Ultra 7 256V | 19,320 | NA |
| Intel Xeon Silver 4309Y @ 2.80GHz | 19,237 | $395.42 |
| Apple M3 8 Core | 19,235 | NA |
| Intel Xeon Gold 6126 @ 2.60GHz | 19,189 | $171.50 |
| AMD Ryzen 9 4900H | 19,150 | NA |
| Intel Xeon D-2752TER @ 1.80GHz | 19,102 | $1,104.00* |
| Intel Core i7-1360P | 19,070 | $480.00* |
| AMD Ryzen 7 PRO 7730U | 19,061 | NA |
| Intel Xeon E5-2682 v4 @ 2.50GHz | 19,051 | NA |
| Intel Xeon W-1350 @ 3.30GHz | 19,007 | $335.99* |
| Intel Xeon Gold 6244 @ 3.60GHz | 18,980 | $2,970.00* |

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|---|---|---|
| AMD Ryzen 9 4900HS | 18,954 | NA |
| Intel Core i9-11900T @ 1.50GHz | 18,948 | $439.00* |

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|---|---|---|
| AMD Ryzen 5 5600GE | 18,656 | NA |
| Intel Xeon w3-2425 | 18,655 | $529.00* |
| AMD Ryzen 5 3600XT | 18,637 | $560.30 |
| AMD EPYC 4124P | 18,637 | NA |
| Intel Xeon W-1270E @ 3.40GHz | 18,635 | $367.00* |
| AMD Ryzen 7 7730U | 18,620 | NA |
| Intel Xeon E5-2697 v3 @ 2.60GHz | 18,583 | $19.99 |
| Intel Core i7-10700KF @ 3.80GHz | 18,568 | $211.95 |
| AMD Ryzen 5 8540U | 18,534 | NA |
| Intel Xeon E-2356G @ 3.20GHz | 18,521 | $333.00* |
| AMD Ryzen 7 4800H | 18,489 | NA |
| Intel Core i5-13420H | 18,463 | $342.00* |
| AMD Ryzen 7 PRO 4750GE | 18,456 | NA |
| Intel Xeon W-1290T @ 1.90GHz | 18,409 | $494.00* |
| AMD Ryzen 7 5800U | 18,400 | NA |
| AMD Ryzen 5 7535HS | 18,393 | NA |
| AMD Ryzen 5 PRO 5650GE | 18,381 | NA |
| AMD Ryzen 7 5825U | 18,358 | NA |
| AMD Ryzen 7 4800HS | 18,330 | NA |
| Intel Xeon Silver 4214R @ 2.40GHz | 18,275 | $525.00 |
| AMD Ryzen 5 6600HS Creator Edition | 18,267 | NA |
| Intel Core i9-9900KF @ 3.60GHz | 18,264 | $290.00 |
| Intel Core i9-9900K @ 3.60GHz | 18,260 | $302.00 |
| AMD Ryzen 5 PRO 7540U | 18,254 | NA |
| Intel Xeon E7-8880 v3 @ 2.30GHz | 18,244 | $133.00* |
| AMD Ryzen 5 3600X | 18,189 | $78.99 |
| Intel Xeon W-2145 @ 3.70GHz | 18,180 | $1,224.67* |
| Intel Xeon W-11855M @ 3.20GHz | 18,148 | $450.00* |
| Intel Xeon E5-2686 v3 @ 2.00GHz | 18,148 | NA |
| Intel Xeon Gold 5120T @ 2.20GHz | 18,127 | $1,727.00* |
| Intel Xeon Gold 5120 @ 2.20GHz | 18,111 | $1,561.00* |

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|---|---|---|
| Intel Core i5-11600 @ 2.80GHz | 18,041 | $140.00 |
| Intel Core i7-1270PE | 17,960 | $441.00* |

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|---|---|---|
| Intel Core i5-12600T | 17,599 | NA |
| Intel Core Ultra 7 165U | 17,535 | NA |
| AMD Ryzen 7 2700X | 17,517 | $189.00 |
| Intel Core Ultra 5 125U | 17,507 | $363.00* |
| Intel Xeon E5-2680R v4 @ 2.40GHz | 17,487 | NA |
| Intel Xeon W-11555MRE @ 2.60GHz | 17,484 | $326.00* |
| Intel Xeon E-2378 @ 2.60GHz | 17,472 | $466.77 |
| AMD Ryzen 7 4980U Microsoft Surface Edition | 17,469 | NA |
| Intel Core i7-1270P | 17,454 | NA |
| Intel Xeon E-2288G @ 3.70GHz | 17,444 | $539.00* |
| Intel Core i5-11500B @ 3.30GHz | 17,437 | NA |
| Intel Xeon E5-4669 v3 @ 2.10GHz | 17,430 | $5,400.00* |
| AMD Ryzen 5 PRO 3600 | 17,396 | NA |
| Intel Core i7-6950X @ 3.00GHz | 17,351 | $230.94 |
| Intel Xeon W-2140B @ 3.20GHz | 17,339 | NA |
| Intel Core i5-11500 @ 2.70GHz | 17,332 | $150.16 |
| Intel Atom P5362 | 17,276 | $708.00* |
| Apple M1 Pro 8 Core 3200 MHz | 17,191 | NA |
| Intel Core i7-12700TE | 17,189 | $344.00* |
| Intel Core i7-7820X @ 3.60GHz | 17,162 | $89.99 |
| AMD Ryzen 5 4400G | 17,160 | NA |
| AMD Ryzen 5 7535U | 17,119 | NA |

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|---|---|---|
| Intel Core i5-1240P | 17,089 | $619.00* |
| Intel Xeon E-2278G @ 3.40GHz | 17,082 | $494.00* |

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|---|---|---|
| AMD Ryzen Embedded V2748 | 16,706 | NA |
| AMD Ryzen 7 4800U | 16,687 | NA |
| AMD Ryzen 5 PRO 6650U | 16,679 | NA |
| Intel Core i9-9900B @ 3.10GHz | 16,660 | NA |
| Intel Xeon Gold 5118 @ 2.30GHz | 16,620 | $448.95* |
| Intel Xeon Gold 6134 @ 3.20GHz | 16,614 | $501.16 |
| Intel Core 5 120U | 16,611 | $340.00* |
| Intel Core i5-12500T | 16,565 | $202.00* |
| Intel Xeon E E-2434 | 16,552 | $281.00* |
| AMD Ryzen 5 6600U | 16,545 | NA |
| Intel Core i9-9900 @ 3.10GHz | 16,488 | $399.00 |
| Intel Xeon E7-4809 v2 @ 1.90GHz | 16,471 | NA |
| Intel Xeon Silver 4214Y @ 2.20GHz | 16,442 | $750.00 |
| AMD Ryzen 5 PRO 4400G | 16,413 | NA |
| Intel Xeon E-2278GE @ 3.30GHz | 16,410 | $494.00* |
| Intel Core i7-10700F @ 2.90GHz | 16,397 | $215.88 |
| Intel Core i7-10700 @ 2.90GHz | 16,383 | $239.99 |
| AMD Ryzen 7 1800X | 16,358 | $89.99 |
| AMD Ryzen 5 PRO 4655G | 16,355 | NA |
| Intel Core i7-10700E @ 2.90GHz | 16,295 | $330.00* |
| Intel Xeon E5-2690 v3 @ 2.60GHz | 16,293 | $19.99 |
| Intel Xeon E5-2698B v3 @ 2.00GHz | 16,287 | NA |
| Intel Core i9-10900TE @ 1.80GHz | 16,251 | $444.00* |
| AMD Ryzen Embedded V2546 | 16,236 | NA |
| Intel Core i7-11600H @ 2.90GHz | 16,221 | $395.00* |
| Intel Xeon D-2733NT @ 2.10GHz | 16,206 | $800.00* |
| Intel Xeon Silver 4214 @ 2.20GHz | 16,190 | $329.93 |
| Intel Core i5-12400T | 16,185 | $149.99* |
| AMD Ryzen 5 PRO 4650G | 16,161 | $114.99 |
| Intel Core i3-1220PE | 16,146 | $295.00* |
| AMD Ryzen 5 4500 | 16,121 | $69.97 |

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|---|---|---|
| AMD Ryzen Embedded V2718 | 16,075 | NA |
| AMD Ryzen 5 4600G | 16,072 | $103.96 |



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|---|---|---|
| Intel Xeon Gold 5215 @ 2.50GHz | 15,624 | $740.63 |
| Intel Core i5-11400H @ 2.70GHz | 15,618 | $250.00* |
| AMD Ryzen 7 PRO 1700X | 15,579 | NA |
| Apple M2 8 Core 3500 MHz | 15,565 | NA |
| Intel Core i7-11700T @ 1.40GHz | 15,553 | $323.00* |
| AMD Ryzen 5 PRO 4650GE | 15,527 | NA |
| Intel Xeon D-1726 @ 2.90GHz | 15,511 | $490.00* |
| Intel Xeon Gold 5217 @ 3.00GHz | 15,429 | $1,474.74 |
| AMD Ryzen 5 5600U | 15,417 | NA |
| Intel Core i9-10980HK @ 2.40GHz | 15,403 | $583.00* |
| Intel Xeon E5-4667 v3 @ 2.00GHz | 15,397 | $5,729.00* |
| Intel Xeon E5-4660 v4 @ 2.20GHz | 15,375 | $3,609.00* |
| AMD Ryzen 7 PRO 2700 | 15,300 | NA |
| Intel Core i3-14100F | 15,293 | $90.48 |
| Intel Xeon w3-2423 | 15,275 | NA |
| Intel Xeon Silver 4116T @ 2.10GHz | 15,187 | $1,112.00* |
| AMD Ryzen 7 PRO 4750U | 15,176 | NA |
| AMD Ryzen 5 5560U | 15,165 | NA |
| Intel Xeon E5-2680 v3 @ 2.50GHz | 15,130 | $35.99 |
| Intel Xeon Silver 4210R @ 2.40GHz | 15,118 | $400.82 |
| Intel Xeon E-2286M @ 2.40GHz | 15,110 | $1,373.18* |
| Intel Core Ultra 7 164U | 15,106 | NA |
| Intel Xeon D-2166NT @ 2.00GHz | 15,105 | $1,005.00* |
| AMD Ryzen 5 PRO 7530U | 15,052 | NA |
| Intel Core i3-14100 | 15,041 | $119.97 |
| Intel Core i5-1345U | 15,020 | $309.00* |
| Intel Xeon Silver 4215R @ 3.20GHz | 15,004 | $857.67 |
| AMD EPYC 7301 | 14,991 | $1,490.00* |
| AMD EPYC 7251 | 14,935 | $247.00 |
| AMD Ryzen 5 PRO 5650U | 14,922 | NA |
| AMD Ryzen 5 5625U | 14,913 | NA |

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|---|---|---|
| Intel Core i7-1355U | 14,854 | $469.00* |
| Intel Xeon D-1733NT @ 2.00GHz | 14,849 | $720.00* |



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|---|---|---|
| Montage Jintide C4215R | 14,672 | NA |
| AMD Ryzen 5 PRO 5675U | 14,658 | NA |
| AMD Ryzen 7 2700E | 14,657 | NA |
| Intel Core i9-10880H @ 2.30GHz | 14,642 | NA |
| Intel Core i3-13100F | 14,626 | $79.00 |
| Intel Xeon E5-2683 v3 @ 2.00GHz | 14,623 | $60.00 |
| Intel Xeon E5-2687W v3 @ 3.10GHz | 14,615 | $24.99 |
| AMD Ryzen 3 PRO 8300G | 14,572 | NA |
| Intel Core i3-12300 | 14,540 | $143.00* |
| Intel Core i5-12500TE | 14,536 | $205.00* |
| Intel Core i3-1220P | 14,520 | $281.00* |
| Intel CC150 @ 3.50GHz | 14,496 | NA |
| Intel Core i7-6900K @ 3.20GHz | 14,470 | $120.00 |
| Intel Core i7-9700K @ 3.60GHz | 14,459 | $178.00 |
| Intel Xeon W-2135 @ 3.70GHz | 14,451 | $1,007.70* |
| Intel Xeon Silver 4215 @ 2.50GHz | 14,439 | $583.04 |
| AMD Ryzen 5 PRO 4655GE | 14,436 | NA |
| Intel Xeon E5-2658 v4 @ 2.30GHz | 14,434 | $24.99* |
| AMD Ryzen 5 4600H | 14,415 | NA |
| Intel Core i7-10870H @ 2.20GHz | 14,406 | $417.00* |
| Intel Xeon Silver 4123 @ 3.00GHz | 14,405 | NA |
| Intel Xeon W-2235 @ 3.80GHz | 14,359 | $666.99* |
| Intel Xeon W-1250P @ 4.10GHz | 14,353 | $321.50* |
| Intel Core i5-10600K @ 4.10GHz | 14,302 | $133.85 |
| AMD Ryzen 5 4600HS | 14,285 | NA |
| Intel Xeon E5-2697 v2 @ 2.70GHz | 14,281 | $193.44 |
| Intel Core i7-8086K @ 4.00GHz | 14,257 | $200.00 |
| Intel Xeon E5-4660 v3 @ 2.10GHz | 14,256 | $4,800.00* |
| Intel Core i7-9700KF @ 3.60GHz | 14,256 | $169.99 |
| Intel Xeon E5-2673 v3 @ 2.40GHz | 14,255 | $700.00* |
| Intel Xeon D-1732TE @ 1.90GHz | 14,254 | $759.00* |

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|---|---|---|
| Intel Core i5-10600KF @ 4.10GHz | 14,229 | $90.00 |
| Intel Xeon E5-1680 v4 @ 3.40GHz | 14,218 | $1,498.95* |



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|---|---|---|
| Intel Xeon E-2246G @ 3.60GHz | 13,747 | $311.00* |
| Intel Core i3-14100T | 13,727 | $134.00* |
| Intel Core i5-10600 @ 3.30GHz | 13,679 | $277.65 |
| Intel Core i9-9880H @ 2.30GHz | 13,672 | $556.00* |
| Intel Core i5-11400T @ 1.30GHz | 13,632 | $182.00* |
| Intel Xeon E5-1660 v4 @ 3.20GHz | 13,623 | $352.36 |
| Intel Core i7-8700K @ 3.70GHz | 13,622 | $153.65 |
| Intel Xeon E-2176G @ 3.70GHz | 13,618 | $479.99 |
| Intel Xeon W-1250 @ 3.30GHz | 13,610 | $333.48* |
| Intel Core i3-12100 | 13,609 | $122.00* |
| Intel Xeon E-2374G @ 3.70GHz | 13,607 | $419.43 |
| Intel Xeon E5-2670 v3 @ 2.30GHz | 13,590 | $23.99* |
| Intel Xeon D-1587 @ 1.70GHz | 13,566 | NA |
| Intel Core i7-1255U | 13,564 | $426.00* |
| Intel Xeon E5-2650 v4 @ 2.20GHz | 13,556 | $65.99 |
| Intel Xeon W-1270TE @ 2.00GHz | 13,553 | $367.00* |
| Intel Xeon E5-2676 v3 @ 2.40GHz | 13,524 | NA |
| Intel Xeon Silver 4210 @ 2.20GHz | 13,520 | $266.00 |
| Intel Xeon E5-2658 v3 @ 2.20GHz | 13,487 | NA |
| Intel Xeon E5-2690 v2 @ 3.00GHz | 13,483 | $73.99 |
| AMD Ryzen 5 4600U | 13,466 | NA |
| AMD Ryzen 5 PRO 2600 | 13,465 | NA |
| Intel Xeon E-2136 @ 3.30GHz | 13,460 | $834.83* |
| Intel Core i3-13100 | 13,444 | $119.56 |
| Intel Core i5-10500 @ 3.10GHz | 13,411 | $154.99 |
| Intel Core i5-1235U | 13,386 | $309.00* |
| AMD Ryzen 7 4700U | 13,363 | NA |
| Intel Core i5-1245U | 13,360 | $309.00* |
| Intel Xeon E5-2695 v2 @ 2.40GHz | 13,299 | $69.00 |
| Intel Core i7-9700 @ 3.00GHz | 13,283 | $167.00 |
| Intel Xeon D-1581 @ 1.80GHz | 13,282 | NA |

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|---|---|---|
| Intel Core i5-1334U | 13,224 | $340.00* |
| AMD Ryzen 5 2600 | 13,189 | $49.88 |



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|---|---|---|
| AMD Ryzen 3 7440U | 12,991 | NA |
| Intel Xeon E5-4627 v4 @ 2.60GHz | 12,969 | $999.99* |
| Intel Core i7-10700TE @ 2.00GHz | 12,969 | $330.00* |
| Apple A18 | 12,964 | NA |
| Intel Xeon E5-2685 v3 @ 2.60GHz | 12,944 | NA |
| AMD Ryzen 3 5300G | 12,902 | NA |
| Intel Core i7-7800X @ 3.50GHz | 12,865 | $219.00 |
| Intel Core i7-8700 @ 3.20GHz | 12,831 | $135.47 |
| Intel Core i7-10700T @ 2.00GHz | 12,811 | $269.00 |
| AMD Ryzen 3 8440U | 12,805 | NA |
| AMD Ryzen 5 3500 | 12,791 | $95.99 |
| Intel Core i7-5960X @ 3.00GHz | 12,744 | $209.00 |
| Intel Xeon E5-2650L v4 @ 1.70GHz | 12,719 | $229.95* |
| Intel Xeon E5-2667 v3 @ 3.20GHz | 12,657 | $3,495.00* |
| Intel Xeon W-2133 @ 3.60GHz | 12,653 | $617.00* |
| Intel Core i5-1240U | 12,652 | NA |
| Intel Xeon E5-2680 v2 @ 2.80GHz | 12,652 | $129.95 |
| Intel Xeon Gold 6128 @ 3.40GHz | 12,648 | $279.29 |
| Intel Xeon W-10855M @ 2.80GHz | 12,641 | $450.00* |
| AMD Ryzen 3 3300X | 12,632 | $79.99 |
| AMD Ryzen 5 PRO 4650U | 12,623 | NA |
| Intel Core i3-12100T | 12,622 | $122.00* |
| AMD Ryzen 3 PRO 5350GE | 12,619 | NA |
| Intel Xeon E5-1680 v2 @ 3.00GHz | 12,612 | NA |
| Intel Core i7-9700E @ 2.60GHz | 12,595 | $323.00* |
| Intel Xeon W-11555MLE @ 1.90GHz | 12,591 | $348.00* |
| Intel Xeon E5-2640 v4 @ 2.40GHz | 12,493 | $39.90* |
| Intel Xeon E5-1660 v3 @ 3.00GHz | 12,488 | $52.45 |
| Intel Xeon E5-4628L v4 @ 1.80GHz | 12,461 | $2,535.00* |
| AMD Ryzen 3 PRO 7335U | 12,440 | NA |
| AMD Ryzen 3 7335U | 12,438 | NA |

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|---|---|---|
| Hygon C86 3350 8-core | 12,292 | NA |
| Intel Atom P5342 | 12,291 | $632.00* |



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|---|---|---|
| AMD Ryzen 5 PRO 4500U | 12,117 | NA |
| Intel Core i5-10400 @ 2.90GHz | 12,116 | $122.59 |
| Intel Xeon E-2278GEL @ 2.00GHz | 12,024 | $494.00* |
| Intel Core Ultra 5 134U | 11,989 | $332.00* |
| Intel Xeon E E-2414 | 11,923 | $213.00* |
| Intel Core i5-1335UE | 11,921 | $312.00* |
| Intel Xeon E5-2650L v3 @ 1.80GHz | 11,880 | $2,222.00* |
| Virtual @ 3.24GHz | 11,866 | NA |
| Intel Core i7-8700B @ 3.20GHz | 11,862 | $303.00* |
| Intel Core i3-12100TE | 11,859 | $125.00* |
| ARM Neoverse-N1 32 Core 1700 MHz | 11,841 | NA |
| Intel Core i7-10750H @ 2.60GHz | 11,839 | NA |
| Intel Xeon E-2276M @ 2.80GHz | 11,821 | $450.00* |
| Intel Core i7-11375H @ 3.30GHz | 11,819 | $482.00* |
| Intel Xeon E5-2650 v3 @ 2.30GHz | 11,787 | $1,889.00* |
| Intel Xeon E5-2663 v3 @ 2.80GHz | 11,777 | NA |
| Intel Core i7-10850H @ 2.70GHz | 11,777 | $395.00* |
| Snapdragon 8cx Gen 3 @ 3.0 GHz | 11,774 | NA |
| ARM Neoverse-N1 80 Core 2800 MHz | 11,755 | NA |
| Intel Xeon D-2146NT @ 2.30GHz | 11,736 | $641.00* |
| Microsoft SQ3 @ 3.0 GHz | 11,727 | NA |
| Intel Core i7-11370H @ 3.30GHz | 11,697 | $426.00* |
| Intel Xeon Platinum 8481C @ 2.70GHz | 11,681 | NA |
| AMD Ryzen 5 5500H | 11,660 | NA |
| Intel Core i7-1250U | 11,654 | $426.00* |
| Intel Core i3-13100E | 11,650 | $137.00* |
| Intel Xeon D-1577 @ 1.30GHz | 11,645 | $1,176.00* |
| Intel Xeon E5-4657L v2 @ 2.40GHz | 11,613 | $751.19* |
| AMD Ryzen 3 3100 | 11,596 | $71.98 |
| Intel Xeon E5-2630 v4 @ 2.20GHz | 11,583 | $19.99 |
| Intel Xeon E5-4669 v4 @ 2.20GHz | 11,523 | NA |

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|---|---|---|
| Hygon C86 3250 8-core | 11,476 | NA |
| Intel Core i5-10600T @ 2.40GHz | 11,464 | $213.00* |

## CPU Benchmarks


CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

Memory Benchmarks

PC Benchmarks

Software Marketshare

Database Benchmarks

Android Benchmarks

iOS Benchmarks


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|---|---|---|
| AMD EPYC 7261 | 11,149 | $6,963.31* |
| Intel Xeon E5-2643 v4 @ 3.40GHz | 11,134 | $900.99 |
| Intel Xeon E5-2640 v3 @ 2.60GHz | 11,127 | $189.95* |
| Intel Xeon E-2226G @ 3.40GHz | 11,110 | $331.37* |
| Intel Xeon Silver 4209T @ 2.20GHz | 11,080 | $649.25* |
| Intel Xeon E5-2628L v4 @ 1.90GHz | 11,079 | $529.18* |
| AMD Ryzen 3 5400U | 11,067 | NA |
| Intel Xeon E5-4650 v2 @ 2.40GHz | 11,064 | $249.95* |
| Apple A16 Bionic | 11,054 | NA |
| Intel Core i7-9850H @ 2.60GHz | 11,054 | $1,305.76* |
| AMD Ryzen 3 4100 | 11,035 | $66.76 |
| Apple A12X Bionic | 11,032 | NA |
| AMD Ryzen 3 PRO 5450U | 11,026 | NA |
| AMD Ryzen 3 7330U | 11,005 | NA |
| Intel Core i5-11320H @ 3.20GHz | 10,984 | $309.00* |
| Intel Core i5-1230U | 10,977 | $309.00* |
| Samsung s5e9945 | 10,952 | NA |
| AMD Ryzen 3 PRO 4350GE | 10,943 | NA |
| AMD Ryzen 3 PRO 4200GE | 10,930 | NA |
| AMD Ryzen 3 PRO 4350G | 10,918 | NA |
| AMD Ryzen 5 4500U | 10,913 | NA |
| Intel Xeon E5-4655 v4 @ 2.50GHz | 10,912 | $4,616.00* |
| Intel Core i5-11300H @ 3.10GHz | 10,911 | $309.00* |
| Intel Xeon E-2176M @ 2.70GHz | 10,880 | $450.00* |
| Intel Core i7-9850HE @ 2.70GHz | 10,868 | $395.00* |
| Intel Core i3-1215U | 10,858 | NA |
| Intel Xeon E5-4650 v3 @ 2.10GHz | 10,838 | $3,838.00* |
| Intel Core i5-10500E @ 3.10GHz | 10,827 | $195.00* |
| Mediatek MT6989 | 10,817 | NA |
| Intel Core i7-9750H @ 2.60GHz | 10,807 | $960.00* |
| AMD Ryzen 3 4300G | 10,791 | $131.31* |

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|---|---|---|
| Intel Core i7-1195G7 @ 2.90GHz | 10,759 | $426.00* |
| Intel Core i5-9600KF @ 3.70GHz | 10,677 | $131.07 |



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|---|---|---|
| Intel Xeon E5-4640 v3 @ 1.90GHz | 10,372 | NA |
| QTI QCS8550 | 10,369 | NA |
| Intel Core i7-1185G7 @ 3.00GHz | 10,368 | $426.00* |
| Intel Xeon E5-2630 v3 @ 2.40GHz | 10,367 | $14.99 |
| Intel Xeon Silver 4109T @ 2.00GHz | 10,348 | $692.02* |
| Intel Core i7-5930K @ 3.50GHz | 10,329 | $222.37* |
| Intel Core i7-1185G7E @ 2.80GHz | 10,291 | $431.00* |
| Intel Core i7-1365URE | 10,278 | $463.00* |
| Intel Xeon E5-1660 v2 @ 3.70GHz | 10,268 | $614.29* |
| Intel Core i3-10325 @ 3.90GHz | 10,268 | $190.10* |
| Intel Xeon Silver 4110 @ 2.10GHz | 10,220 | $95.22 |
| Intel Core i7-8850H @ 2.60GHz | 10,212 | $395.00* |
| Intel Core i7-9700TE @ 1.80GHz | 10,203 | $323.00* |
| Intel Core i5-8600K @ 3.60GHz | 10,201 | $87.00 |
| Intel Core i7-8700T @ 2.40GHz | 10,183 | $199.00 |
| Intel Core i7-1165G7 @ 2.80GHz | 10,172 | $426.00* |
| Snapdragon 8cx Gen 3 @ 2.69 GHz | 10,110 | NA |
| Intel Core i5-10500T @ 2.30GHz | 10,091 | $99.99* |
| Intel Core i5-1155G7 @ 2.50GHz | 10,086 | $309.00* |
| Intel Xeon D-1541 @ 2.10GHz | 10,064 | NA |
| Intel Xeon W-2125 @ 4.00GHz | 10,048 | $429.95 |
| Intel Core i7-4960X @ 3.60GHz | 10,042 | $179.00 |
| Intel Xeon D-1540 @ 2.00GHz | 10,025 | NA |
| Intel Core i3-10320 @ 3.80GHz | 10,011 | $139.99 |
| Intel Xeon E5-2630L v4 @ 1.80GHz | 10,000 | $85.00* |
| Intel Xeon E5-2687W @ 3.10GHz | 9,996 | $1,180.00* |
| Intel Core i5-8600 @ 3.10GHz | 9,959 | $84.00 |
| Intel Core i3-N305 | 9,953 | $309.00* |
| Intel Xeon E5-2628L v3 @ 2.00GHz | 9,949 | NA |
| Intel Core i7-11390H @ 3.40GHz | 9,936 | $426.00* |

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|---|---|---|
| AMD Ryzen 3 PRO 4450U | 9,930 | NA |



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|---|---|---|
| Intel Xeon D-1718T @ 2.60GHz | 9,713 | $314.00* |
| Intel Xeon E-2174G @ 3.80GHz | 9,689 | $649.95* |
| AMD Ryzen 3 5300U | 9,685 | NA |
| Intel Xeon E5-2689 @ 2.60GHz | 9,682 | $182.75* |
| Intel Core i7-7700K @ 4.20GHz | 9,645 | $105.00 |
| AMD Ryzen 5 PRO 3350GE | 9,643 | NA |
| Intel Core i5-9600T @ 2.30GHz | 9,621 | $213.00* |

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