

CPU Mark	Price Performance
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PassMark - CPU Mark

Single Thread Performance
Updated 21st of February 2020

CPU	CPU Mark	Price (USD)
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Intel Core i5-8600 @ 3.10GHz	2,504	\$690.12*
Intel Core i5-9400H @ 2.50GHz	2,503	\$250.00*
Intel Core i9-9920X @ 3.50GHz	2,498	\$1,109.99
Intel Core i9-9960X @ 3.10GHz	2,484	\$1,609.99
Intel Xeon E-2176M @ 2.70GHz	2,477	\$450.00*
Intel Core i9-9900X @ 3.50GHz	2,476	\$1,049.99
Intel Xeon W-2155 @ 3.30GHz	2,469	\$1,530.39*
Intel Core i7-9700T @ 2.00GHz	2,466	\$323.00*
Intel Core i7-9750H @ 2.60GHz	2,465	\$395.00*
Intel Core i9-9900T @ 2.10GHz	2,464	\$439.00*
Intel Core i9-9980XE @ 3.00GHz	2,463	\$2,409.00*
Intel Xeon E-2124 @ 3.30GHz	2,458	\$209.99
Intel Core i9-9940X @ 3.30GHz	2,450	\$1,059.89
Intel Core i5-7640X @ 4.00GHz	2,449	\$280.00
Intel Core i9-7900X @ 3.30GHz	2,448	\$1,121.25
Intel Core i7-7900X @ 3.30GHz	2,445	NA
Intel Core i5-8400H @ 2.50GHz	2,443	\$250.00*
Intel Core i7-10510U @ 1.80GHz	2,435	\$409.00*
Intel Xeon W-2150B @ 3.00GHz	2,433	NA
Intel Core i7-8850H @ 2.60GHz	2,433	\$395.00*
Intel Core i3-7350K @ 4.20GHz	2,429	\$179.98
Intel Core i5-1035G4 @ 1.10GHz	2,407	\$309.00*
Intel Core i5-9400 @ 2.90GHz	2,405	\$249.99
Intel Core i5-8500 @ 3.00GHz	2,405	\$314.77*
Intel Core i3-9100F @ 3.60GHz	2,402	\$89.79
Intel Core i7-7820X @ 3.60GHz	2,397	\$1,179.95
Intel Core i9-7940X @ 3.10GHz	2,396	\$909.99*
Intel Core i5-9400F @ 2.90GHz	2,393	\$159.48

Intel Core i9-7920X @ 2.90GHz	2,393	\$959.75
Intel Core i5-1035G7 @ 1.20GHz	2,391	\$320.00*
Intel Core i5-7600K @ 3.80GHz	2,381	\$314.00
Intel Core i7-10710U @ 1.10GHz	2,379	\$644.00
Intel Xeon E3-1275 v6 @ 3.80GHz	2,364	\$435.92
Intel Xeon W-2140B @ 3.20GHz	2,356	NA
Intel Core i5-1035G1 @ 1.00GHz	2,355	\$297.00*
Intel Core i7-6700K @ 4.00GHz	2,354	\$312.39*
Intel Core i9-9820X @ 3.30GHz	2,354	\$569.99
Intel Core i7-8706G @ 3.10GHz	2,352	NA
Intel Core i5-9300H @ 2.40GHz	2,351	\$250.00*
Intel Core i3-7320 @ 4.10GHz	2,345	\$182.72*
Intel Core i7-8700T @ 2.40GHz	2,343	\$609.00
Intel Core i7-7700 @ 3.60GHz	2,342	\$328.95
Intel Core i7-8750H @ 2.20GHz	2,341	\$395.00*
Intel Core i9-7980XE @ 2.60GHz	2,341	\$1,569.00
Intel Core i7-8809G @ 3.10GHz	2,340	NA
Intel Core i3-8350K @ 4.00GHz	2,338	\$198.75
Intel Core i9-7960X @ 2.80GHz	2,334	\$1,349.99*
Intel Xeon E3-1285 v3 @ 3.60GHz	2,334	NA
Intel Core i3-1005G1 @ 1.20GHz	2,334	\$281.00*
Intel Core i5-8400 @ 2.80GHz	2,331	\$199.99
Intel Xeon E3-1280 v6 @ 3.90GHz	2,328	\$446.69
Intel Core i3-9100 @ 3.60GHz	2,326	\$144.95
Intel Core i7-8665U @ 1.90GHz	2,323	\$409.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	2,313	\$349.99
Intel Core i3-7300 @ 4.00GHz	2,308	\$159.99*

Intel Core i7-8565U @ 1.80GHz	2,302	NA
Intel Core i5-10210U @ 1.60GHz	2,296	\$297.00*
Intel Core i5-8300H @ 2.30GHz	2,295	\$250.00*
Intel Xeon E3-1276 v3 @ 3.60GHz	2,294	\$1,073.00*
Intel Xeon E3-1245 v6 @ 3.70GHz	2,287	\$364.34
Intel Core i3-10110U @ 2.10GHz	2,287	NA
Intel Core i7-4790 @ 3.60GHz	2,283	\$173.82
Intel Core i5-7600 @ 3.50GHz	2,279	\$375.89*
Intel Xeon E3-1535M v6 @ 3.10GHz	2,278	\$623.00*
Intel Xeon E3-1271 v3 @ 3.60GHz	2,277	\$888.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	2,270	\$449.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	2,263	\$808.02*
Intel Core i7-7800X @ 3.50GHz	2,263	\$509.99*
Intel Core i7-7567U @ 3.50GHz	2,261	\$743.99
Intel Core i7-4980HQ @ 2.80GHz	2,259	NA
Intel Xeon E3-1241 v3 @ 3.50GHz	2,257	\$369.99
Intel Core i5-8365U @ 1.60GHz	2,255	\$297.00*
Intel Core i7-4770K @ 3.50GHz	2,250	\$339.99
Intel Xeon E3-1281 v3 @ 3.70GHz	2,249	\$877.75*
Intel Pentium Gold G5420 @ 3.80GHz	2,248	\$84.99
Intel Xeon E3-1246 v3 @ 3.50GHz	2,245	\$409.00*
Intel Core i7-4790S @ 3.20GHz	2,244	\$551.00*
Intel Core i7-5950HQ @ 2.90GHz	2,238	NA
Intel Core i7-4940MX @ 3.10GHz	2,236	\$709.95
Intel Core i5-4690K @ 3.50GHz	2,235	\$159.00
Intel Core i3-6320 @ 3.90GHz	2,234	\$407.00
Intel Pentium Gold G5600 @ 3.90GHz	2,233	\$107.95
Intel Xeon E3-1270 v3 @ 3.50GHz	2,231	\$159.99
Intel Xeon E3-1240 v6 @ 3.70GHz	2,230	\$284.99
Intel Xeon E3-1275 v3 @ 3.50GHz	2,228	\$400.99*
Intel Core i7-4770 @ 3.40GHz	2,228	\$183.74
Intel Core i3-7100 @ 3.90GHz	2,226	\$129.99
Intel Core i3-4370 @ 3.80GHz	2,220	\$309.00*
Intel Xeon W-2195 @ 2.30GHz	2,219	\$2,696.49
Intel Core i5-4690 @ 3.50GHz	2,218	\$128.57
Intel Core i7-4771 @ 3.50GHz	2,214	\$175.00
Intel Core i5-8259U @ 2.30GHz	2,212	\$693.62
Intel Core i7-8650U @ 1.90GHz	2,209	\$409.99
AMD Ryzen Threadripper 2950X	2,208	\$689.89
Intel Core i5-8600T @ 2.30GHz	2,204	\$366.99*
Intel Core i7-8705G @ 3.10GHz	2,203	\$1,408.75*
Intel Core i7-5775C @ 3.30GHz	2,203	\$686.32*

AMD Ryzen Threadripper 2920X	2,202	\$400.00
Intel Core i5-4690S @ 3.20GHz	2,200	\$359.21*
Intel Xeon E3-1285L v4 @ 3.40GHz	2,199	NA
Intel Xeon E3-1280 v5 @ 3.70GHz	2,199	\$690.01*
Intel Xeon E3-1240 v5 @ 3.50GHz	2,194	\$341.67*
Intel Core i7-6850K @ 3.60GHz	2,191	\$425.00
Intel Core i7-6900K @ 3.20GHz	2,187	\$725.00
Intel Core i5-4670K @ 3.40GHz	2,187	\$409.95
Intel Xeon E5-1680 v4 @ 3.40GHz	2,183	NA
AMD Ryzen 7 2700X	2,183	\$169.97
Intel Xeon W-2133 @ 3.60GHz	2,182	\$617.00*
Intel Xeon E5-1630 v3 @ 3.70GHz	2,182	\$477.99*
Intel Xeon E3-1240 v3 @ 3.40GHz	2,181	\$384.40*
Intel Core i5-8265UC @ 1.60GHz	2,180	NA
Intel Xeon E5-1650 v4 @ 3.60GHz	2,180	\$508.00*
Intel Pentium Gold G5400 @ 3.70GHz	2,179	\$69.99
Intel Core i7-8709G @ 3.10GHz	2,178	NA
Intel Xeon E3-1270 v5 @ 3.60GHz	2,176	\$435.90
Intel Xeon E3-1245 v3 @ 3.40GHz	2,176	\$255.00
Intel Core i3-8145U @ 2.10GHz	2,174	\$281.00*
Intel Core i7-4770S @ 3.10GHz	2,174	\$177.99
Intel Xeon E3-1275L v3 @ 2.70GHz	2,170	NA
Intel Xeon E3-1231 v3 @ 3.40GHz	2,169	\$509.95
Intel Xeon E3-1275 v5 @ 3.60GHz	2,168	\$379.52*
Intel Xeon E5-2689 v4 @ 3.10GHz	2,168	NA
Intel Core i7-4790T @ 2.70GHz	2,167	\$359.99*
Intel Core i3-8300 @ 3.70GHz	2,166	\$147.53
Intel Core i7-4960HQ @ 2.60GHz	2,165	\$623.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	2,165	\$556.00*
Intel Core i3-6300 @ 3.80GHz	2,164	\$309.99
Intel Core i7-4930MX @ 3.00GHz	2,164	\$1,096.00*
Intel Xeon E3-1260L v5 @ 2.90GHz	2,163	\$736.16*
Intel Core i5-4670 @ 3.40GHz	2,159	\$109.00
Intel Pentium Gold G5500 @ 3.80GHz	2,158	\$169.90*
Intel Xeon E5-1630 v4 @ 3.70GHz	2,158	NA
Intel Core i3-8100B @ 3.60GHz	2,156	\$133.00*
Intel Core i7-4910MQ @ 2.90GHz	2,156	\$459.95*
Intel Core i7-6700 @ 3.40GHz	2,155	\$279.99
Intel Core i7-7660U @ 2.50GHz	2,155	NA
Intel Xeon E3-1290 V2 @ 3.70GHz	2,154	\$885.00*
Intel Core i7-5775R @ 3.30GHz	2,153	NA
Intel Xeon W-2123 @ 3.60GHz	2,150	\$330.49

Intel Xeon E5-1650 v3 @ 3.50GHz	2,149	\$129.99
Intel Core i7-4770R @ 3.20GHz	2,148	NA
Intel Core i5-9500T @ 2.20GHz	2,147	\$192.00*
Intel Core i5-6600K @ 3.50GHz	2,147	\$219.99
Intel Core i7-6950X @ 3.00GHz	2,146	\$1,730.00
Intel Core i5-4670S @ 3.10GHz	2,143	\$213.00*
AMD Ryzen 5 2600X	2,143	\$154.88
Intel Core i3-4360 @ 3.70GHz	2,142	\$259.00
Intel Xeon E3-1245 v5 @ 3.50GHz	2,141	\$345.31*
AMD Ryzen 7 PRO 2700X	2,140	NA
Intel Core i5-5675C @ 3.10GHz	2,139	\$309.95*
Intel Xeon E5-2637 v3 @ 3.50GHz	2,134	\$169.99
Intel Xeon E3-1265L v3 @ 2.50GHz	2,133	\$709.95
Intel Pentium G4620 @ 3.70GHz	2,132	\$113.66*
Intel Core i5-8265U @ 1.60GHz	2,132	\$297.00*
Intel Pentium G3470 @ 3.60GHz	2,131	\$104.29*
Intel Xeon E3-1225 v6 @ 3.30GHz	2,130	\$284.71
Intel Core i3-9100T @ 3.10GHz	2,130	\$122.00*
Intel Core i3-4170 @ 3.70GHz	2,128	\$158.31
Intel Xeon E5-1660 v2 @ 3.70GHz	2,125	\$281.99*
Intel Pentium G3258 @ 3.20GHz	2,124	\$188.28*
AMD Ryzen 5 PRO 3400G	2,124	NA
Intel Core i7-8550U @ 1.80GHz	2,124	NA
Intel Core i5-4590 @ 3.30GHz	2,117	\$115.00
Intel Xeon Gold 6128 @ 3.40GHz	2,116	\$1,719.99
Intel Xeon E3-1575M v5 @ 3.00GHz	2,116	\$1,207.00*
Intel Core i5-7500 @ 3.40GHz	2,115	\$199.00
Intel Xeon E5-1680 v3 @ 3.20GHz	2,114	\$599.99
Intel Core i7-7920HQ @ 3.10GHz	2,113	\$568.00*
Intel Xeon E3-1505M v6 @ 3.00GHz	2,111	NA
Intel Core i3-8109U @ 3.00GHz	2,109	NA
Intel Core i3-6100 @ 3.70GHz	2,105	\$128.99
Intel Core i7-5930K @ 3.50GHz	2,104	\$309.00*
Intel Core i5-7600T @ 2.80GHz	2,103	\$280.55*
Intel Core i5-4590S @ 3.00GHz	2,102	\$154.25
Intel Xeon E3-1226 v3 @ 3.30GHz	2,102	\$595.00*
AMD Ryzen 5 3400G	2,099	\$149.99
Intel Core i3-8100 @ 3.60GHz	2,098	\$119.99
Intel Xeon E3-1280 V2 @ 3.60GHz	2,097	\$360.00
Intel Core i3-4350 @ 3.60GHz	2,097	\$169.99*
Intel Core i5-6600 @ 3.30GHz	2,096	\$262.13*
Intel Core i5-7440HQ @ 2.80GHz	2,096	NA
Intel Xeon E3-1220 v3 @ 3.30GHz	2,095	\$245.00

AMD Ryzen 3 2300U	1,553	NA
Intel Core i5-680 @ 3.60GHz	1,551	\$89.99*
Intel Core i3-6100H @ 2.70GHz	1,549	NA
Intel Pentium G860 @ 3.00GHz	1,547	\$82.99
Intel Core i7-3555LE @ 2.50GHz	1,547	NA
AMD PRO A8-8670E	1,547	NA
AMD A10-9700E	1,546	\$154.10*
Intel Xeon Silver 4110 @ 2.10GHz	1,545	\$416.00
Intel Core i7-5500U @ 2.40GHz	1,545	NA
AMD A12-9730P	1,545	NA
AMD EPYC 7351	1,544	\$720.82
Intel Xeon E3-1260L @ 2.40GHz	1,544	\$57.31
Intel Pentium G2020 @ 2.90GHz	1,544	\$59.95*
AMD A8-7600 APU	1,543	\$146.94*
Intel Xeon E5-2665 @ 2.40GHz	1,541	\$84.00
AMD A8-7670K	1,540	\$161.10*
AMD FX-870K Quad Core	1,539	NA
AMD A10-7800 APU	1,539	\$103.39*
AMD FX-8370 Eight-Core	1,537	\$230.00
Intel Xeon X5690 @ 3.47GHz	1,536	\$109.99
Intel Core i5-5300U @ 2.30GHz	1,533	\$543.39*
AMD A10-6800K APU	1,532	\$87.76*
Intel Xeon E5-2620 v4 @ 2.10GHz	1,531	\$410.52
Intel Core i7-3635QM @ 2.40GHz	1,531	NA
AMD FX-4350 Quad-Core	1,529	\$430.00
Intel Core i5-6198DU @ 2.30GHz	1,527	NA
AMD A9-9430	1,525	NA
Intel Xeon E5-2650 v4 @ 2.20GHz	1,524	\$1,009.00*
Intel Core i5-6400T @ 2.20GHz	1,523	\$259.95*
Intel Core i7-3612QM @ 2.10GHz	1,523	NA
Intel Core i5-4260U @ 1.40GHz	1,521	NA
Intel Core i5-3210M @ 2.50GHz	1,521	\$74.04
Intel Core i3-7130U @ 2.70GHz	1,520	\$459.99*
Intel Xeon W3680 @ 3.33GHz	1,519	\$108.99*
AMD FX-670K Quad-Core	1,519	NA
Intel Celeron G3900T @ 2.60GHz	1,519	\$112.46*
AMD A10-6700 APU	1,519	\$116.99*
Intel Core i7-990X @ 3.47GHz	1,515	\$349.99*
Intel Core i3-6100E @ 2.70GHz	1,514	NA
AMD A9-9410	1,513	NA
AMD FX-770K Quad-Core	1,513	NA
AMD FX-8350 Eight-Core		