










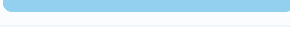





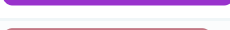































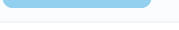

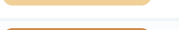

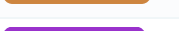













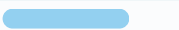














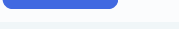











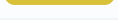
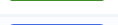







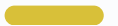








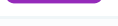




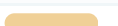

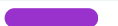






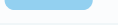


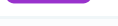

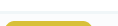















































PassMark - CPU Mark
















































Desktop CPU Performance

Updated 29th of July 2022

CPU	CPU Mark	Price (USD)
 AMD Ryzen Threadripper PRO 5995WX	 103,855	\$6,499.00*
 AMD Ryzen Threadripper PRO 3995WX	 83,115	\$7,997.99
 AMD Ryzen Threadripper 3990X	 81,461	\$7,514.01
 AMD Ryzen Threadripper PRO 5975WX	 80,757	\$4,658.00
 AMD Ryzen Threadripper PRO 5965WX	 67,986	\$2,399.00*
 AMD Ryzen Threadripper 3970X	 63,741	\$1,999.99
 AMD Ryzen Threadripper PRO 3975WX	 63,043	\$4,077.00
 AMD Ryzen Threadripper 3960X	 54,768	\$1,355.00
 AMD Ryzen Threadripper PRO 5955WX	 50,932	NA
 AMD Ryzen 9 5950X	 45,871	\$499.00
 Intel Core i9-12900KS	 44,739	\$734.07
 Intel Core i9-12900K	 41,356	\$559.99
 Intel Core i9-12900KF	 41,298	\$549.97
 AMD Ryzen Threadripper PRO 5945WX	 41,282	NA
 Apple M1 Ultra 20 Core	 41,155	NA
 AMD Ryzen Threadripper PRO 3955WX	 40,094	\$1,784.55
 Intel Xeon W-3265M @ 2.70GHz	 39,618	\$6,353.00*
 AMD Ryzen 9 5900X	 39,343	\$358.99
 AMD Ryzen 9 3950X	 39,066	\$663.99
 Intel Core i9-12900	 36,855	\$503.99
 Intel Core i9-12900F	 35,975	\$509.99
 AMD Ryzen 9 5900	 34,890	NA
 Intel Core i7-12700K	 34,450	\$409.00*
 Intel Core i7-12700KF	 34,293	\$377.98
 Intel Core i9-12900T	 33,728	\$489.00*
 AMD Ryzen Threadripper PRO 3945WX	 33,354	NA
 Intel Core i9-10980XE @ 3.00GHz	 33,307	\$948.07
 AMD Ryzen 9 3900XT	 32,963	\$471.98
 Intel Core i7-12700F	 31,619	\$312.96
 AMD Ryzen 9 PRO 3900	 31,407	NA
 Intel Core i7-12700	 31,353	\$333.12
 AMD Ryzen 9 3900	 30,655	\$508.09
 Intel Core i9-9990XE @ 4.00GHz	 30,162	\$2,163.00*
 Intel Core i9-10940X @ 3.30GHz	 28,462	\$726.19
 AMD Ryzen 7 5800X	 28,168	\$288.99
 Intel Xeon W-2275 @ 3.30GHz	 27,904	\$1,112.00*
 Intel Core i5-12600K	 27,592	\$269.99
 AMD Ryzen 7 5800X3D	 27,555	\$419.00
 Intel Core i5-12600KF	 26,948	\$259.99
 Intel Core i9-10920X @ 3.50GHz	 26,546	\$674.89
 AMD Ryzen 7 5700X	 26,503	\$249.00
 Intel Xeon W-1390P @ 3.50GHz	 26,031	NA
 AMD Ryzen 7 5800	 25,880	NA
 Intel Xeon W-3323 @ 3.50GHz	 25,875	\$949.00*

Intel Core i9-11900K @ 3.50GHz		25,506	\$391.99
Intel Core i9-11900KF @ 3.50GHz		25,351	\$365.00
Intel Xeon W-1370P @ 3.60GHz		25,202	\$462.99
AMD Ryzen 7 PRO 5750G		24,977	NA
Intel Core i7-11700K @ 3.60GHz		24,683	\$305.00
AMD Ryzen 7 5700G		24,594	\$239.99
Intel Core i7-11700KF @ 3.60GHz		24,032	\$279.45
Intel Xeon W-1370 @ 2.90GHz		23,908	\$377.99
AMD Ryzen 7 3800XT		23,775	\$424.99
Intel Core i9-10900K @ 3.70GHz		23,658	\$389.88
Intel Core i9-10900KF @ 3.70GHz		23,377	\$329.99
Intel Core i9-11900F @ 2.50GHz		23,108	\$400.99
AMD Ryzen 7 PRO 3700		23,051	\$329.99*
Intel Core i9-11900 @ 2.50GHz		22,988	\$357.30
Intel Core i9-10850K @ 3.60GHz		22,977	\$349.98
Intel Core i9-10900X @ 3.70GHz		22,659	\$540.00
Intel Core i9-11900KB @ 3.30GHz		22,659	\$539.00*
Intel Core i7-11700B @ 3.20GHz		22,627	NA
AMD Ryzen 7 5700GE		22,484	NA
Apple M1 Max 10 Core 3200 MHz		22,337	NA
AMD Ryzen 7 PRO 5750GE		22,283	NA
Intel Xeon W-2255 @ 3.70GHz		22,259	\$778.00*
Intel Core i7-12700T		22,189	\$339.00*
Apple M1 Pro 10 Core 3200 MHz		22,150	NA
AMD Ryzen Threadripper 1920		22,066	NA
AMD Ryzen 5 5600X		22,007	\$189.00
Intel Core i9-10910 @ 3.60GHz		21,785	NA
AMD Ryzen 5 5600		21,511	\$159.00
Intel Core i7-11700F @ 2.50GHz		21,328	\$288.99
AMD Ryzen 7 PRO 4700G		20,848	NA
Intel Core i5-12600		20,825	\$229.98
Intel Core i9-10900F @ 2.80GHz		20,781	\$358.99
Intel Core i9-10900E @ 2.80GHz		20,658	\$444.00*
AMD Ryzen 7 PRO 4750G		20,569	\$254.99
AMD Ryzen 7 4700GE		20,416	NA
Intel Core i9-10900 @ 2.80GHz		20,376	\$379.99
Intel Core i5-12500		20,362	\$202.00*
AMD Ryzen 5 PRO 5650G		20,332	NA
AMD Ryzen 7 4700G		20,214	\$238.16
Intel Core i7-11700 @ 2.50GHz		20,178	\$313.97
Intel Core i5-12490F		20,177	\$177.76
Intel Core i9-11900T @ 1.50GHz		20,036	\$439.00*
AMD Ryzen 5 5600G		19,831	\$139.99
Intel Core i5-12400F		19,813	\$177.99
Intel Core i5-11600K @ 3.90GHz		19,724	\$189.99
Intel Core i5-11600KF @ 3.90GHz		19,670	\$209.98
Intel Core i9-9900KS @ 4.00GHz		19,551	\$894.99
Intel Core i5-12400		19,546	\$192.00*
AMD Ryzen 5 5500		19,478	\$138.96

Intel Core i7-10700K @ 3.80GHz		19,228	\$298.00
Intel Core i7-10700KF @ 3.80GHz		19,072	\$289.96
AMD Ryzen 5 5600GE		18,879	NA
AMD Ryzen 5 3600XT		18,755	\$349.99
AMD Ryzen 5 PRO 5650GE		18,621	NA
AMD Ryzen 7 PRO 4750GE		18,470	NA
AMD 4700S		18,263	NA
Intel Core i5-11600 @ 2.80GHz		18,237	\$224.99
Intel Core i5-12500T		17,932	\$202.00*
Intel Core i5-11500B @ 3.30GHz		17,801	NA
Intel Core i5-11500 @ 2.70GHz		17,637	\$192.19
Apple M1 Pro 8 Core 3200 MHz		17,321	NA
Intel Core i5-11400F @ 2.60GHz		17,186	\$149.98
Intel Core i5-11400 @ 2.60GHz		17,080	\$153.42
Intel Core i7-10700F @ 2.90GHz		17,024	\$249.97
Intel Core i7-10700 @ 2.90GHz		16,859	\$268.98
AMD Ryzen 5 PRO 4400G		16,456	NA
AMD Ryzen 5 PRO 4650G		16,362	\$219.98
Intel Core i5-12600T		16,154	NA
AMD Ryzen 5 4500		15,823	\$124.31
AMD Ryzen 5 PRO 4650GE		15,694	NA
AMD Ryzen 5 4600GE		15,656	NA
AMD Ryzen 5 4600G		15,621	\$128.00
Intel Core i9-10900T @ 1.90GHz		15,394	\$219.99
Intel Core i7-11700T @ 1.40GHz		15,386	\$323.00*
Intel Core i5-11600T @ 1.70GHz		15,352	\$213.00*
Apple M2 8 Core 3500 MHz		15,228	NA
Intel Core i3-12300		14,955	\$143.00*
Intel Xeon W-1250P @ 4.10GHz		14,924	\$321.50*
AMD Ryzen 7 2700E		14,657	NA
Apple M1 8 Core 3200 MHz		14,554	NA
Intel Core i5-10600KF @ 4.10GHz		14,536	\$179.99
Intel Core i5-10600K @ 4.10GHz		14,529	\$199.95
Intel Core i3-12100		14,506	\$122.00*
Intel Core i3-12100F		14,368	\$109.99
AMD Ryzen 3 PRO 5350G		13,976	NA
Intel Core i9-9900T @ 2.10GHz		13,947	\$439.00*
Intel Core i5-10600 @ 3.30GHz		13,871	\$219.98
AMD Ryzen 3 PRO 5350GE		13,685	NA
AMD Ryzen 3 5300GE		13,636	NA
Intel Core i5-11500T @ 1.50GHz		13,397	\$192.00*
AMD Ryzen 5 3500X		13,306	\$139.99
Intel Core i7-10700T @ 2.00GHz		13,215	\$447.99*
Intel Core i5-11400T @ 1.30GHz		13,112	\$182.00*
Intel Core i5-10500 @ 3.10GHz		13,017	\$212.89
AMD Ryzen 3 5300G		12,955	NA
AMD Ryzen 5 3500		12,846	NA
Intel Core i3-12100T		12,827	\$122.00*
Intel Core i7-9700E @ 2.60GHz		12,751	\$323.00*

AMD Ryzen 3 3300X		12,719	\$304.99
Intel Core i5-10400F @ 2.90GHz		12,401	\$123.90
Intel Core i5-10505 @ 3.20GHz		12,313	NA
Intel Core i5-10400 @ 2.90GHz		12,308	\$149.00
AMD Ryzen 3 3100		11,653	\$134.95
Intel Core i3-11100B @ 3.60GHz		11,357	NA
AMD Ryzen 3 PRO 4200G		11,315	NA
AMD Ryzen 3 4300GE		11,306	NA
AMD Ryzen 3 4100		11,264	\$112.29
Intel Core i5-10600T @ 2.40GHz		11,210	\$213.00*
AMD Ryzen 3 PRO 4350GE		11,111	NA
AMD Ryzen 3 PRO 4350G		10,874	NA
Intel Core i7-9700TE @ 1.80GHz		10,826	\$323.00*
AMD Ryzen 3 4300G		10,756	NA
Intel Core i5-9600 @ 3.10GHz		10,345	\$249.99
Intel Core i3-10325 @ 3.90GHz		10,308	\$190.10*
Intel Core i5-10500T @ 2.30GHz		10,308	\$192.00*
Intel Core i3-10320 @ 3.80GHz		10,027	\$124.94
Intel Core i5-10400T @ 2.00GHz		9,951	\$182.00*
Intel Core i3-10305 @ 3.80GHz		9,689	\$159.99
AMD Ryzen 5 PRO 3350GE		9,643	NA
AMD Ryzen 5 PRO 3350G		9,442	NA
AMD Ryzen 5 3350GE		9,343	NA
AMD Ryzen 5 PRO 3400G		9,298	NA
Intel Core i3-10300 @ 3.70GHz		9,153	\$164.98
Intel Core i3-10105F @ 3.70GHz		9,117	\$78.40
AMD Ryzen 5 3350G		9,113	NA
Intel Core i7-9850HL @ 1.90GHz		9,112	\$395.00*
AMD Ryzen 5 3400GE		8,985	NA
Intel Core i3-10100F @ 3.60GHz		8,862	\$68.99
Intel Core i3-10105 @ 3.70GHz		8,831	\$99.99
Intel Core i3-10100 @ 3.60GHz		8,779	\$110.99
Intel Core i5-10300H @ 2.50GHz		8,655	\$250.00*
Intel Core i5-9600T @ 2.30GHz		8,464	\$213.00*
AMD Ryzen 5 PRO 3400GE		8,265	NA
Intel Core i3-10100E @ 3.20GHz		8,229	\$125.00*
AMD Ryzen Embedded V1756B		8,215	NA
Intel Core i3-10305T @ 3.00GHz		8,136	\$143.00*
Intel Core i3-10300T @ 3.00GHz		8,119	\$177.31*
Intel Core i3-10105T @ 3.00GHz		7,850	\$122.00*
Intel Core i5-9400T @ 1.80GHz		7,822	\$182.00*
AMD Athlon Gold PRO 3150G		7,702	NA
Intel Core i3-9350K @ 4.00GHz		7,694	\$293.22*
Intel Core i3-9320 @ 3.70GHz		7,358	\$215.67
AMD Ryzen 3 3200GE		7,317	NA
AMD Athlon Gold 3150G		7,093	NA
AMD Athlon Gold PRO 3150GE		7,068	NA
AMD Ryzen 3 PRO 3200G		6,952	NA
Intel Pentium Gold G7400		6,804	\$72.95

AMD Ryzen Embedded V1404I		6,241	NA
Intel Pentium Gold G7400T		5,883	\$64.00*
Intel Core i5-4470S @ 3.00GHz		4,742	NA
AMD Athlon Silver PRO 3125GE		4,633	NA
Intel Celeron N5095A @ 2.00GHz		4,627	NA
Intel Pentium Gold G6605 @ 4.30GHz		4,513	\$112.99
AMD Athlon 3000G		4,481	\$74.99*
AMD Athlon PRO 300GE		4,475	NA
Intel Pentium Gold G6600 @ 4.20GHz		4,396	\$107.35
Intel Pentium Gold G6505 @ 4.20GHz		4,378	\$75.00*
AMD Athlon 300GE		4,301	NA
Intel Pentium Gold G6405 @ 4.10GHz		4,301	\$48.98
AMD Athlon 320GE		4,300	NA
AMD Ryzen Embedded R1606G		4,166	NA
Intel Pentium Gold G5600F @ 3.90GHz		4,160	\$90.99
Intel Pentium Gold G6500 @ 4.10GHz		4,147	\$96.99
Intel Pentium Gold G6400 @ 4.00GHz		4,134	\$66.00
Intel Pentium Gold G5620 @ 4.00GHz		4,102	\$125.00
Intel Celeron G6900T		4,024	\$42.00*
Intel Celeron N5095 @ 2.00GHz		4,014	NA
Intel Pentium Gold G6500T @ 3.50GHz		4,005	\$75.00*
Intel Pentium Gold G6405T @ 3.50GHz		3,746	\$64.00*
Intel Pentium Gold G5600T @ 3.30GHz		3,601	NA
Intel Pentium Gold G6400T @ 3.40GHz		3,586	\$64.00*
Intel Pentium Gold G5420T @ 3.20GHz		3,508	\$64.00*
Intel Pentium Silver J5040 @ 2.00GHz		3,498	NA
Intel Celeron G6900		3,446	\$70.00
Intel Celeron J4125 @ 2.00GHz		2,981	NA
Intel Celeron G5925 @ 3.60GHz		2,939	\$128.43
Intel Celeron G5905 @ 3.50GHz		2,815	\$32.99
Intel Celeron G4950 @ 3.30GHz		2,714	\$1,008.65*
Intel Celeron J4115 @ 1.80GHz		2,709	NA
Intel Celeron G5900 @ 3.40GHz		2,672	\$57.80
Intel Celeron G5900T @ 3.20GHz		2,648	\$42.00*
Intel Celeron G4930 @ 3.20GHz		2,571	\$120.85
AMD Athlon II X4 557		2,567	NA
Intel Celeron G5920 @ 3.50GHz		2,482	\$76.99
Intel Celeron G5905T @ 3.30GHz		2,310	\$42.00*
Intel Celeron G4930T @ 3.00GHz		2,250	\$42.00*
Intel Celeron G3930TE @ 2.70GHz		2,218	\$42.00*
Intel Celeron J3455E @ 1.50GHz		2,139	NA
Intel Core2 Extreme Q9200 @ 2.40GHz		2,011	NA
AMD Athlon X4 730		1,936	NA
AMD Athlon X4 530		1,786	NA
Intel Celeron J4025 @ 2.00GHz		1,722	NA
Intel Pentium G2120T @ 2.70GHz		1,613	NA
AMD R-272F APU		1,215	NA