

PassMark - CPU Mark

Desktop CPU Performance

Updated 30th of August 2022

CPU	CPU Mark	Price (USD)
AMD Ryzen Threadripper PRO 5995WX	100,706	\$8,968.99
AMD Ryzen Threadripper PRO 3995WX	83,410	\$7,568.16
AMD Ryzen Threadripper 3990X	81,181	\$7,514.02
AMD Ryzen Threadripper PRO 5975WX	78,291	\$3,250.00
AMD Ryzen Threadripper PRO 5965WX	67,986	\$2,775.99
AMD Ryzen Threadripper 3970X	63,663	\$2,599.99
AMD Ryzen Threadripper PRO 3975WX	62,895	\$3,695.00
AMD Ryzen Threadripper 3960X	54,785	\$1,355.00
AMD Ryzen Threadripper PRO 5955WX	50,623	NA
AMD Ryzen 9 5950X	45,856	\$546.00
Intel Core i9-12900KS	44,845	\$636.99
Intel Core i9-12900KF	41,518	\$549.97
Intel Core i9-12900K	41,406	\$569.89
Apple M1 Ultra 20 Core	41,182	NA
AMD Ryzen Threadripper PRO 5945WX	40,888	NA
AMD Ryzen Threadripper PRO 3955WX	40,044	\$1,399.99
Intel Xeon W-3265M @ 2.70GHz	39,618	\$6,353.00*
AMD Ryzen 9 5900X	39,329	\$343.43
AMD Ryzen 9 3950X	39,049	\$695.00
Intel Core i9-12900E	36,929	\$493.99

AMD Ryzen 7 5800U	25,849	NA
Intel Core i9-11900K @ 3.50GHz	25,516	\$399.99
Intel Core i9-11900KF @ 3.50GHz	25,392	\$279.99
Intel Xeon W-1370P @ 3.60GHz	25,202	\$453.99
AMD Ryzen 7 PRO 5750G	24,988	NA
Intel Core i7-11700K @ 3.60GHz	24,679	\$279.99
AMD Ryzen 7 5700G	24,548	\$273.07
Intel Core i7-11700KF @ 3.60GHz	24,111	\$239.99
Intel Xeon W-1370 @ 2.90GHz	23,908	\$377.99
AMD Ryzen 7 3800XT	23,766	\$449.00
Intel Core i9-10900K @ 3.70GHz	23,626	\$304.99
Intel Core i9-10900KF @ 3.70GHz	23,375	\$274.99
Intel Core i9-11900F @ 2.50GHz	23,090	\$400.99
AMD Ryzen 7 PRO 3700	23,045	\$329.99*
Intel Core i9-11900 @ 2.50GHz	23,012	\$312.99
Intel Core i9-10850K @ 3.60GHz	22,945	\$349.95
Intel Core i7-12700T	22,912	\$339.00*
Intel Core i9-11900KB @ 3.30GHz	22,695	\$539.00*
Intel Core i9-10900X @ 3.70GHz	22,655	\$540.00
Intel Core i7-11700B @ 3.20GHz	22,600	NA
AMD Ryzen 7 5700GE	22,484	NA
Intel Xeon W-2255 @ 3.70GHz	22,333	\$778.00*
Apple M1 Max 10 Core 3200 MHz	22,305	NA
AMD Ryzen 7 PRO 5750GE	22,258	NA
Apple M1 Pro 10 Core 3200 MHz	22,082	NA

Intel Core i7-10700K @ 3.80GHz	19,202	\$299.99
Intel Core i7-10700KF @ 3.80GHz	19,044	\$224.99
AMD Ryzen 5 5600GE	18,879	NA
AMD Ryzen 5 3600XT	18,743	\$349.99
AMD Ryzen 5 PRO 5650GE	18,657	NA
AMD Ryzen 7 PRO 4750GE	18,470	NA
Intel Core i5-11600 @ 2.80GHz	18,235	\$245.99
AMD 4700S	18,187	NA
Intel Core i5-11500B @ 3.30GHz	17,801	NA
Intel Core i5-11500 @ 2.70GHz	17,636	\$184.99
Intel Core i5-12500T	17,605	\$202.00*
Intel Core i5-12400T	17,496	\$169.99
Apple M1 Pro 8 Core 3200 MHz	17,313	NA
Intel Core i5-11400F @ 2.60GHz	17,202	\$158.00
Intel Core i5-11400 @ 2.60GHz	17,080	\$253.00
Intel Core i7-10700F @ 2.90GHz	17,025	\$246.85
Intel Core i7-10700 @ 2.90GHz	16,826	\$289.99
AMD Ryzen 5 PRO 4400G	16,456	NA
AMD Ryzen 5 PRO 4650G	16,355	\$219.98
Intel Core i5-12600T	15,952	NA
AMD Ryzen 5 4500	15,852	\$120.29
AMD Ryzen 5 PRO 4650GE	15,682	NA
AMD Ryzen 5 4600GE	15,656	NA
AMD Ryzen 5 4600G	15,573	\$142.99
Intel Core i7-11700T @ 1.40GHz	15,537	\$323.00*

AMD Ryzen 3 3300X	12,697	\$250.00
Intel Core i5-10400F @ 2.90GHz	12,393	\$128.99
Intel Core i5-10505 @ 3.20GHz	12,341	NA
Intel Core i5-10400 @ 2.90GHz	12,304	\$112.99
AMD Ryzen 3 3100	11,651	\$149.95
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	11,276	\$109.89
Intel Core i5-10600T @ 2.40GHz	11,210	\$213.00*
AMD Ryzen 3 PRO 4350GE	11,090	NA
AMD Ryzen 3 PRO 4350G	10,884	NA
Intel Core i7-9700TE @ 1.80GHz	10,826	\$323.00*
AMD Ryzen 3 4300G	10,776	NA
Intel Core i5-9600 @ 3.10GHz	10,356	\$187.94
Intel Core i3-10325 @ 3.90GHz	10,308	\$190.10*
Intel Core i5-10500T @ 2.30GHz	10,307	\$192.00*
Intel Core i3-10320 @ 3.80GHz	10,027	\$124.88
Intel Core i5-10400T @ 2.00GHz	9,960	\$182.00*
Intel Core i3-10305 @ 3.80GHz	9,689	\$130.00
AMD Ryzen 5 PRO 3350GE	9,643	NA
AMD Ryzen 5 PRO 3350G	9,443	NA
AMD Ryzen 5 3350GE	9,343	NA
AMD Ryzen 5 PRO 3400G	9,300	NA
Intel Core i3-10300 @ 3.70GHz	9,153	\$169.99

Intel Core i5-4470S @ 3.00GHz	4,742	NA
AMD Athlon Silver PRO 3125GE	4,633	NA
Intel Celeron N5095A @ 2.00GHz	4,535	NA
Intel Pentium Gold G6605 @ 4.30GHz	4,526	\$114.99*
AMD Athlon 3000G	4,482	\$79.99
AMD Athlon PRO 300GE	4,475	NA
Intel Pentium Gold G6600 @ 4.20GHz	4,396	\$111.07
Intel Pentium Gold G6505 @ 4.20GHz	4,378	\$75.00*
AMD Athlon 300GE	4,301	NA
AMD Athlon 320GE	4,300	NA
Intel Pentium Gold G6405 @ 4.10GHz	4,291	\$49.00
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	4,133	\$68.99
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 Celeron G6900	3,769	\$39.49
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	3,507	NA