

**Notes:**

- While we try to keep this chart mainly desktop CPU free, there might be some desktop processors in the list. This is because the classification of a laptop CPU is determined at result submission time by the user of PerformanceTest. Some users incorrectly clicked the "Laptop" check box.
- The chart shows only CPUs that had their benchmark first submitted within the last 36 months. Older laptop CPUs may not appear.

CUS		CPU Mark		Price Performance		Sorted by Date	
<div><div>High End</div><div>High Mid Range</div><div>Low Mid Range</div><div>Low End</div></div>		<div><div>PassMark - CPU Mark</div><div>Laptop &amp; Portable CPU Performance</div><div>Updated 11th of July 2022</div></div>					
<div><div>Best Value (On Market)</div><div>Best Value XY Scatter</div><div>Best Value (All time)</div></div>		CPU	CPU Mark			Price (USD)	
<div><div>New Desktop</div><div>New Laptop</div></div>		Intel Core i9-12950HX	<div></div>	39,136		\$590.00	
<div><div>Single Thread</div><div>Systems with Multiple CPUs</div><div>Overclocked</div><div>Power Performance</div><div>CPU Mark by Socket Type</div><div>Cross-Platform CPU Performance</div></div>		Intel Core i7-12800HX	<div></div>	37,866		\$457.00	
<div><div>CPU Mega List</div><div>Search Model</div></div>		Intel Core i9-12900HX	<div></div>	31,048		\$606.00	
<div><div>Compare</div><div>Common Most Benchmarked</div></div>		Intel Core i7-12850HX	<div></div>	30,580		\$428.00	
<div><div>AMD vs Intel Market Share</div><div>Year on Year Performance</div></div>		Intel Core i9-12900H	<div></div>	29,423		\$617.00	
		Intel Core i9-12900HK	<div></div>	28,771		\$635.00	
		Intel Core i7-12700H	<div></div>	27,327		\$457.00	
		Intel Core i5-12600HX	<div></div>	24,689		\$284.00	
		AMD Ryzen 9 6900HX	<div></div>	24,659		NA	
		Intel Core i7-12650H	<div></div>	24,600		\$457.00	
		AMD Ryzen 9 6900HS	<div></div>	24,480		NA	
		AMD Ryzen 7 6800HS	<div></div>	24,101		NA	
		AMD Ryzen 7 PRO 6850U	<div></div>	23,955		NA	
		Intel Core i9-11980HK @ 2.60GHz	<div></div>	23,630		\$583.00	
		Intel Core i7-12800H	<div></div>	23,560		\$457.00	
		Intel Xeon W-11955M @ 2.60GHz	<div></div>	23,420		\$623.00	
		AMD Ryzen 7 6800H	<div></div>	23,405		NA	
		AMD Ryzen 9 PRO 6950HS	<div></div>	23,392		NA	
		AMD Ryzen 9 5980HX	<div></div>	23,262		NA	
		AMD Ryzen 9 5900HX	<div></div>	23,106		NA	
		Intel Core i5-12500H	<div></div>	22,765		\$311.00	
		Intel Core i9-11950H @ 2.60GHz	<div></div>	22,397		\$556.00	
		Apple M1 Max 10 Core 3200 MHz	<div></div>	22,397		NA	
		AMD Ryzen 9 5900HS	<div></div>	22,178		NA	
		Apple M1 Pro 10 Core 3200 MHz	<div></div>	22,174		NA	
		Intel Core i5-1250P	<div></div>	22,148		NA	
		AMD Ryzen 9 5980HS	<div></div>	21,491		NA	
		AMD Ryzen 7 5800H	<div></div>	21,382		NA	
		Intel Core i7-11800H @ 2.30GHz	<div></div>	21,239		\$395.00	
		Intel Core i7-11850H @ 2.50GHz	<div></div>	21,196		\$395.00	
		Intel Core i9-11900H @ 2.50GHz	<div></div>	21,183		\$546.00	
		Intel Core i5-12600H	<div></div>	21,000		\$311.00	
		AMD Ryzen 9 5900H	<div></div>	20,960		NA	
		AMD Ryzen 7 5800HS Creator Edition	<div></div>	20,948		NA	
		AMD Ryzen 7 5800HS	<div></div>	20,670		NA	
		AMD Ryzen 9 4900HS	<div></div>	19,373		NA	
		AMD Ryzen 9 4900H	<div></div>	19,343		NA	
		Intel Core i5-12450H	<div></div>	19,240		\$311.00	
		Intel Core i7-1280P	<div></div>	19,142		\$482.00	
		AMD Ryzen 7 PRO 6850HS	<div></div>	19,069		NA	
		Intel Core i7-1270P	<div></div>	19,045		NA	
		AMD Ryzen 7 4800H	<div></div>	19,002		NA	
		AMD Ryzen 7 5800U	<div></div>	18,907		NA	
		AMD Ryzen 7 4800HS	<div></div>	18,840		NA	
		Intel Xeon W-11855M @ 3.20GHz	<div></div>	18,810		\$450.00	
		AMD Ryzen 5 PRO 6650U	<div></div>	18,482		NA	
		AMD Ryzen 7 5825U	<div></div>	18,424		NA	
		Intel Core i3-1220P	<div></div>	18,329		\$281.00	
		Intel Core i5-1240P	<div></div>	18,222		NA	
		AMD Ryzen 7 Extreme Edition	<div></div>	18,209		NA	
		AMD Ryzen 7 PRO 5850U	<div></div>	17,473		NA	
		Apple M1 Pro 8 Core 3200 MHz	<div></div>	17,376		NA	
		AMD Ryzen 5 5600H	<div></div>	17,195		NA	
		AMD Ryzen 5 5560U	<div></div>	17,084		NA	
		Intel Core i7-1260P	<div></div>	17,046		NA	
		AMD Ryzen 7 4800U	<div></div>	16,992		NA	
		AMD Ryzen 7 PRO 5875U	<div></div>	16,769		NA	
		Intel Core i7-10700TE @ 2.00GHz	<div></div>	16,332		\$330.00	
		Intel Core i5-10700E @ 2.90GHz	<div></div>	16,257		\$330.00	
		Intel Core i5-11500H @ 2.90GHz	<div></div>	16,233		\$250.00	
		Intel Core i9-10980HK @ 2.40GHz	<div></div>	16,089		\$583.00	
		Intel Xeon W-10855M @ 2.40GHz	<div></div>	16,084		\$623.00	
		Intel Core i5-11400H @ 2.70GHz	<div></div>	16,020		\$250.00	
		AMD Ryzen 7 5700U	<div></div>	16,000		NA	
		AMD Ryzen 7 4850U Mobile	<div></div>	15,920		NA	
		Intel Core i7-11600H @ 2.90GHz	<div></div>	15,907		\$395.00	
		Intel Core i9-10885H @ 2.40GHz	<div></div>	15,632		\$556.00	
		AMD Ryzen 7 PRO 4750U	<div></div>	15,464		NA	
		Intel Core i7-10875H @ 2.30GHz	<div></div>	15,394		\$450.00	
		AMD Ryzen 5 5600U	<div></div>	15,355		NA	
		AMD Ryzen 5 5650U	<div></div>	15,219		NA	
		Intel Core i5-11260H @ 2.60GHz	<div></div>	15,074		\$250.00	
		Intel Core i7-10870H @ 2.20GHz	<div></div>	14,965		\$417.00	
		Intel Core i5-1235U	<div></div>	14,808		\$309.00	
		AMD Ryzen 5 PRO 4400GE	<div></div>	14,795		NA	
		AMD Ryzen 5 5625U	<div></div>	14,751		NA	
		AMD Ryzen 5 4600HS	<div></div>	14,735		NA	
		Intel Core i9-10880H @ 2.30GHz	<div></div>	14,735		NA	
		AMD Ryzen 5 4600H	<div></div>	14,714		NA	
		Apple M1 8 Core 3200 MHz	<div></div>	14,581		NA	
		AMD Ryzen 7 4700U	<div></div>	13,611		NA	
		AMD Ryzen 5 4600U	<div></div>	13,438		NA	
		AMD Ryzen 5 PRO 5675U	<div></div>	13,347		NA	
		Intel Core i7-1255U	<div></div>	13,270		\$426.00	
		Intel Core i7-1265U	<div></div>	13,227		\$426.00	
		AMD Ryzen 5 5500U	<div></div>	13,185		NA	
		Intel Xeon W-10855M @ 2.80GHz	<div></div>	12,921		\$450.00	
		AMD Ryzen 5 PRO 4650U	<div></div>	12,843		NA	
		Intel Core i3-1215U	<div></div>	12,756		NA	
		Intel Core i7-10750H @ 2.60GHz	<div></div>	12,306		NA	
		Intel Core i7-11375H @ 3.30GHz	<div></div>	12,258		\$482.00	
		Intel Core i3-1210U	<div></div>	12,130		NA	
		Intel Core i7-10850H @ 2.70GHz	<div></div>	12,125		\$395.00	
		AMD Ryzen 5 PRO 4500U	<div></div>	12,049		NA	
		Intel Core i7-11370H @ 3.30GHz	<div></div>	12,009		\$426.00	
		AMD Ryzen 3 PRO 5475U	<div></div>	11,971		NA	
		AMD Ryzen 3 5400U	<div></div>	11,871		NA	
		Intel Core i5-10500H @ 2.50GHz	<div></div>	11,803		\$250.00	
		AMD Ryzen 3 PRO 5450U	<div></div>	11,425		NA	
		Intel Core i7-9750HF @ 2.60GHz	<div></div>	11,255		\$395.00	
		Intel Core i7-1185G7E @ 2.80GHz	<div></div>	11,114		\$431.00	
		AMD Ryzen 5 4500U	<div></div>	11,084		NA	
		Intel Core i5-11300H @ 3.10GHz	<div></div>	11,022		\$309.00	
		AMD Ryzen 3 PRO 4200GE	<div></div>	10,930		NA	
		Intel Core i7-1185G7 @ 3.00GHz	<div></div>	10,873		\$426.00	
		Intel Core i7-1195G7 @ 2.90GHz	<div></div>	10,843		\$426.00	
		Intel Core i7-9700TE @ 1.80GHz	<div></div>	10,826		\$323.00	
		Intel Core i5-11320H @ 3.20GHz	<div></div>	10,852		\$309.00	
		Intel Core i7-11390H @ 3.40GHz	<div></div>	10,576		\$426.00	
		Intel Core i7-1165G7 @ 2.80GHz	<div></div>	10,512		\$426.00	
		Intel Core i5-1145G7 @ 2.60GHz	<div></div>	10,310		NA	
		Intel Core i5-1155G7 @ 2.50GHz	<div></div>	10,259		\$309.00	
		AMD Ryzen 3 5425U	<div></div>	10,203		NA	
		AMD Ryzen 3 PRO 4450U	<div></div>	10,169		NA	
		Intel Core i5-1135G7 @ 2.40GHz	<div></div>	10,087		\$309.00	
		Intel Core i7-1068NG7 @ 2.30GHz	<div></div>	10,068		\$426.00	
		AMD Ryzen 3 5300U	<div></div>	10,029		NA	
		Intel Core i7-10710U @ 1.10GHz	<div></div>	10,011		\$644.99	
		Intel Core i5-10500TE @ 2.30GHz	<div></div>	9,960		\$195.00	
		Intel Core i3-1125G4 @ 2.00GHz	<div></div>	9,912		NA	
		Intel Core i5-1230U	<div></div>	9,896		\$309.00	
		Intel Core i5-1038NG7 @ 2.00GHz	<div></div>	9,829		\$320.00	
		Intel Core i7-1160G7 @ 1.20GHz	<div></div>	9,531		\$426.00	
		Intel Core i5-9500TE @ 2.20GHz	<div></div>	9,212		\$192.00	
		Intel Core i5-1130G7 @ 1.10GHz	<div></div>	9,132		\$309.00	
		Intel Core i7-9850HL @ 1.90GHz	<div></div>	9,112		\$395.00	
		Intel Core i5-10400H @ 2.60GHz	<div></div>	8,913		\$250.00	
		Intel Core i7-1180G7 @ 1.30GHz	<div></div>	8,837		\$426.00	
		Intel Core i5-10300H @ 2.50GHz	<div></div>	8,658		\$250.00	
		Intel Core i7-8569U @ 2.80GHz	<div></div>	8,636		\$431.00	
		Intel Core i5-1035G7 @ 1.20GHz	<div></div>	8,497		\$320.00	
		Intel Core i5-10200H @ 2.40GHz	<div></div>	8,391		\$250.00	
		Intel Core i5-9400H @ 2.50GHz	<div></div>	8,293		\$250.00	
		Intel Core i7-8557U @ 1.70GHz	<div></div>	8,225		\$431.00	
		Intel Core i5-1035G4 @ 1.10GHz	<div></div>	8,197		\$309.00	
		Intel Core i5-8269U @ 2.60GHz	<div></div>	8,055		\$320.00	
		Intel Core i7-10810U @ 1.10GHz	<div></div>	8,012		\$443.00	
		Intel Core i5-8260U @ 1.60GHz	<div></div>	7,854		\$439.99	
		Intel Core i5-8279U @ 2.40GHz	<div></div>	7,822		\$320.00	
		Intel Core i5-8257U @ 1.40GHz	<div></div>	7,679		\$320.00	
		AMD Ryzen 7 3780U	<div></div>	7,651		NA	
		Intel Core i5-1035G1 @ 1.00GHz	<div></div>	7,638		\$297.00	
		Intel Core i5-9300HF @ 2.40GHz	<div></div>	7,618		\$250.00	
		AMD Ryzen 3 4300U	<div></div>	7,571		NA	
		Intel Core i3-1010T @ 3.00GHz	<div></div>	7,407		\$122.00	
		AMD Ryzen 5 3580U	<div></div>	7,383		NA	
		AMD Ryzen 7 3700C	<div></div>	7,145		NA	
		Intel Core i7-1060NG7 @ 1.20GHz	<div></div>	7,067		NA	
		Intel Core i7-10610U @ 1.80GHz	<div></div>	7,020		\$409.00	
		Intel Core i7-10510U @ 1.80GHz	<div></div>	6,790		\$409.00	
		AMD Ryzen 5 3450U	<div></div>	6,787		NA	
		Intel Pentium Gold 8505	<div></div>	6,771		NA	
		Intel Core i5-10310U @ 1.70GHz	<div></div>	6,544		\$297.00	
		Intel Core i5-10210U @ 1.60GHz	<div></div>	6,384		\$702.62	
		Intel Core i3-1115G4 @ 3.00GHz	<div></div>	6,247		\$281.00	
		Intel Core i7-8565UC @ 1.80GHz	<div></div>	6,187		NA	
		Intel Core i5-1030NG7 @ 1.10GHz	<div></div>	6,147		NA	
		AMD Ryzen 3 3350U	<div></div>	5,883		NA	
		AMD Ryzen 3 3300U	<div></div>	5,778		NA	
		Intel Core i5-7440EQ @ 2.90GHz	<div></div>	5,711		\$250.00	
		Intel Core i5-8365UE @ 1.60GHz	<div></div>	5,555		\$297.00	
		Intel Pentium Gold 7505 @ 2.00GHz	<div></div>	5,338		NA	
		AMD Ryzen 5 3500C	<div></div>	5,214		NA	
		Intel Core i3-1005G1 @ 1.20GHz	<div></div>	5,097		\$281.00	
		Intel Core i7-8665UE @ 1.70GHz	<div></div>	5,017		\$409.00	
		Intel Core i7-10510Y @ 1.20GHz	<div></div>	5,016		\$403.00	
		Intel Core i5-10210Y @ 1.00GHz	<div></div>	4,964		NA	
		Microsoft ARM SQ1 @ 3.0 GHz	<div></div>	4,868		NA	
		Intel Core i5-6442EQ @ 1.90GHz	<div></div>	4,598		\$250.00	
		Intel Pentium Silver N6005 @ 2.00GHz	<div></div>	4,585		NA	
		AMD Athlon Silver 3050GE	<div></div>	4,545		NA	
		Intel Core i3-9100TE @ 2.20GHz	<div></div>	4,501		\$122.00	
		Intel Pentium 6805 @ 1.10GHz	<div></div>	4,394		\$161.00	
		Intel Core i5-6350HQ @ 2.30GHz	<div></div>	4,255		\$306.00	
		Intel Core i3-8140U @ 2.10GHz	<div></div>	4,227		NA	
		Intel Core i3-8145U @ 2.20GHz	<div></div>	4,087		\$281.00	
		AMD Athlon Gold 3150U	<div></div>	4,025		NA	
		Intel Core i3-10110U @ 2.10GHz	<div></div>	3,980		\$434.17	
		AMD Athlon 300U	<div></div>	3,970		NA	
		AMD Ryzen 3 3250U	<div></div>	3,970		NA	
		Intel Core i3-1000NG4 @ 1.10GHz	<div></div>	3,828		NA	
		Intel Core i5-L16G7 @ 1.40GHz	<div></div>	3,421		\$281.00	
		Intel Pentium Silver N5020 @ 1.10GHz	<div></div>	3,404		NA	
		Intel Celeron N5100 @ 1.10GHz	<div></div>	3,281		NA	
		Intel Core i3-10110Y @ 1.00GHz	<div></div>	3,27			