

CPU Benchmarks

Over 1,000,000 CPUs benchmarked

Intel Pentium Gold 7505 @ 2.00GHz vs Intel Core i3-1005G1 @ 1.20GHz

The values for the CPUs below are determined from thousands of [PerformanceTest](#) benchmark results and are updated daily.

	<u>Intel Pentium Gold 7505 @ 2.00GHz</u> ^x	<u>Intel Core i3-1005G1 @ 1.20GHz</u> ^x ⁺ ADD
Price	Search Online	\$281
Socket Type	FCBGA1449	FCBGA1526
CPU Class	Laptop	Laptop
Clockspeed	2.0 GHz	1.2 GHz
Turbo Speed	Up to 3.5 GHz	Up to 3.4 GHz
# of Physical Cores	2 (Threads: 4)	2 (Threads: 4)
Max TDP	15W	15W
Yearly Running Cost	\$2.74	\$2.74
First Seen on Chart	Q1 2021	Q2 2019
# of Samples	4	326
Cross-Platform Rating	9073	8691
Single Thread Rating	2405	2289
CPU Mark	5507	5220

¹ - Last seen price from our affiliates [NewEgg.com](#) & [Amazon.com](#).

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CPU Mark Rating

As of 25th of April 2021 - Higher results represent better performance

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CPU Value (CPU Mark / \$Price)

As of 25th of April 2021 - Higher results represent better value

<u>Intel Pentium Gold 7505 @ 2.00GHz</u>		<u>NA</u>
<u>Intel Core i3-1005G1 @ 1.20GHz</u>		<u>18.58</u>

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CPU Single Thread Rating

As of 25th of April 2021 - Higher results represent better performance

<u>Intel Pentium Gold 7505 @ 2.00GHz</u>		<u>2,405</u>
<u>Intel Core i3-1005G1 @ 1.20GHz</u>		<u>2,289</u>

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Estimated Energy Usage Cost

Estimated Energy Adjustable Values

Average hours of use per day

8

Average CPU Utilization (0-100%)¹

25

Power cost, \$ per kWh²

0.25

¹ Average user usage is typically low and can vary from task to task. An estimate load 25% is nominal.

² Typical power costs vary around the world. Check your last power bill for details. Values of \$0.15 to \$0.45 per kWh are typical.

Intel Pentium Gold 7505 @ 2.00GHz

Intel Core i3-1005G1 @ 1.20GHz



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