## **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 <a href="PerformanceTest">PerformanceTest</a> benchmark results and are updated daily.

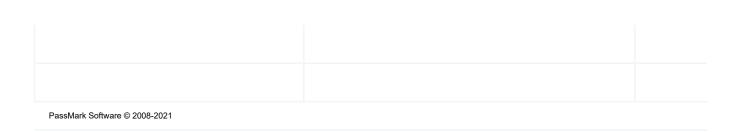
	Intel Pentium Gold 7505 @ 2.00GHz	Intel Core i3-1005G1 @ 1.20GHz	± ADD
Price	Search Online	<u>\$281</u>	
Socket Type	FCBGA1449	FCBGA1526	
CPU Class	Laptop	Laptop	
Clockspeed	2.0 GHz	1.2 GHz	
Turbo Speed	Up to 3.5 GHz	Up to 3.4 GHz	
# of Physical Cores	2 (Threads: 4)	2 (Threads: 4)	
Max TDP	15W	15W	
Yearly 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	<b>5220</b>	

1 - Last seen price from our affiliates NewEgg.com & Amazon.com



#### **CPU Mark Rating**

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



#### CPU Value (CPU Mark / \$Price)

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

Intel Pentium Gold 7505 @ 2.00GHz	<u>NA</u>
Intel Core i3-1005G1 @ 1.20GHz	18.58
PassMark Software © 2008-2021	

#### **CPU Single Thread Rating**

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

Intel Pentium Gold 7505 @ 2.00GHz		<u>2,405</u>
Intel Core i3-1005G1 @ 1.20GHz		<u>2,289</u>
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### **Estimated Energy Usage Cost**

#### **Estimated Energy Adjustable Values**

Average hours of use per day	Average CPU Utilization (0-100%) <sup>1</sup>	Power cost, \$ per kWh <sup>2</sup>	
8	25	0.25	

<sup>&</sup>lt;sup>1</sup> Average user usage is typically low and can vary from task to task. An estimate load 25% is nominal.

<sup>&</sup>lt;sup>2</sup> 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.

Software

<u>BurnInTest</u> <u>PerformanceTest</u> USB2.0 Loopback Plugs **OSForensics** 

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WirelessMon Serial and Parallel Loopback Plugs

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