

## Benchmark Table

Integer Benchmark	<pre>PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; python The time in sec for the integer benchmark is 478.593288898468 PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; █</pre>
Float Benchmark	<pre>The time in sec for the float benchmark is 423.62497901916504 PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; █</pre>
Memory Benchmark	<pre>PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; python The time in sec for the array benchmark is 400.15515327453613 PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; █</pre>
Hard Drive Benchmark 1	<pre>PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; python3 The time in sec for hard drive benchmark 1 is 7.609983682632446 PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; █</pre>
Hard Drive Benchmark 2	<pre>PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; python3 The time in sec for hard drive benchmark 2 is 6.493444442749023 PS C:\Users\candy\Desktop\Benchmark Project\benchmarks&gt; █</pre>
Average total time in sec	263.295
Geometric mean	5th root of $(4.786 \times 4.236 \times 4.001 \times 0.030 \times 0.649)$ = 1.096

1. Brand of CPU: AMD
2. The model of CPU: AMD Ryzen 7 4700U
3. The number of cores on CPU: 8
4. The clock rate of CPU in GHz: 2.00 GHz
5. The amount of memory in GB: 8 GB
6. The speed of memory: 3200 MHz
7. The capacity of hard drive: 477 GB
8. Type of hard drive: SSD
9. Max sequential read speed: 1975 MB/s
10. Max sequential write speed: 1064 MB/s
11. Max random read speed: 961 MB/s
12. Max random write speed: 961 MB/s