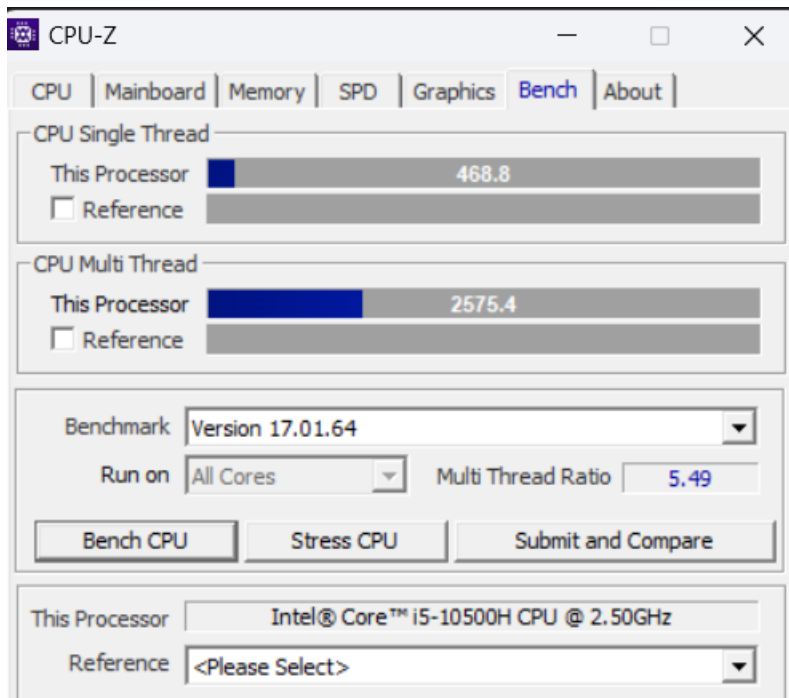CPU: Intel i5 10500H, base 2.5GHz freq. turbo to 4.5GHz

      6 cores, 12 logical

GPU: 3050 Ti Notebook version

CPU-Z Benchmark (pe baterie, in priza cam dublu)

SuperPi Benchmark

8M	1m 44.469s
4M	46.063 sec
2M	20.422 sec
1M	9.016 sec
512K	4.204 sec
256K	1.937 sec
128K	0.922 sec
64K	0.438 sec
16K	0.141 sec
32K	0.234 sec

NovaBench Benchmark

novabench score | 2424

10/5/2024 | Microsoft Windows 11 Pro | x64

CPU Score | 1361

Intel Core i5

Clock Speed	4.2 GHz
Peak workload	
SIMD	1869 GFLOPS
Varied workload	
Compression	605 MB/s
Cryptography	25478 MH/s

GPU Score | 478

NVIDIA GeForce RTX 3050 Ti Laptop GPU

Workload	
Direct3D 11	77 FPS
Compute	9551 GFLOPS
Memory transfer	
On-device	144998 MB/s
Host to device	56721 MB/s

Memory Score | 267

16GB DDR4

Transfer	
Peak speed	12773 MB/s
Access	
Latency	78 ns

Storage Score | 318

SAMSUNG MZVLB512HBJQ-000L2

Write	
Sequential	2651 MB/s
Random	93 MB/s
Read	
Sequential	3327 MB/s
Random	52 MB/s

Sandra Benchmarks

SiSoftware Official Ranker (UK)
#2271 : 6.04kPT

View @ SiSoftware...

Rank #2271 (Higher than 94.09% results)
Overall Processor Score
SiSoftware Sandra 31.137
Excellent Performance ;)

Laptop/Netbook
Windows x64 11.0.23.2
Intel(R) Core(TM) i5-10500H CPU @ 2.50GHz (6C 12T 4.3GHz,
4GHz/4.2GHz IMC, 6x 256kB L2, 12MB L3)
Normal State
Own Result
Anonymous
World
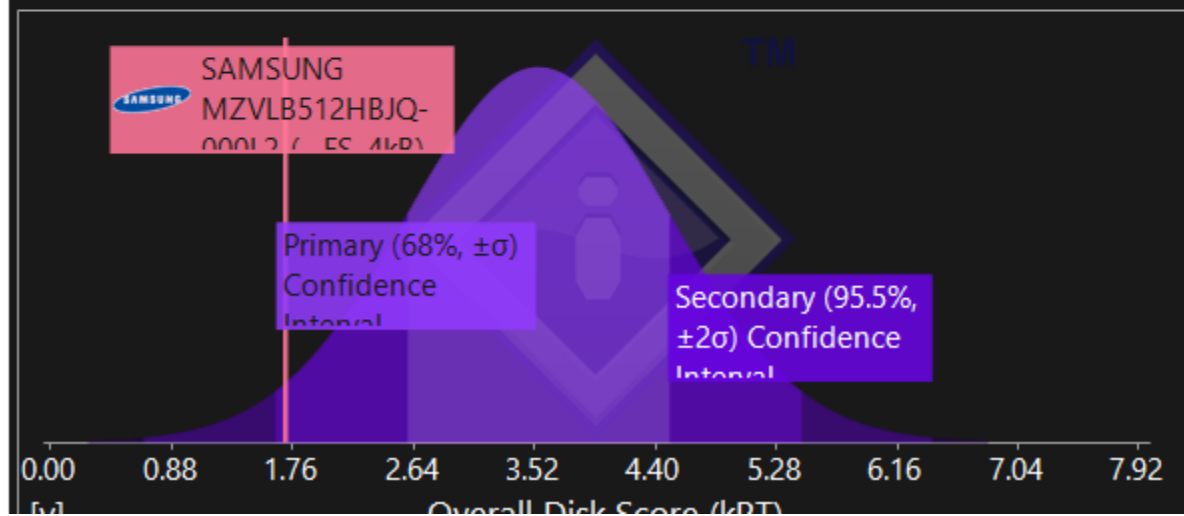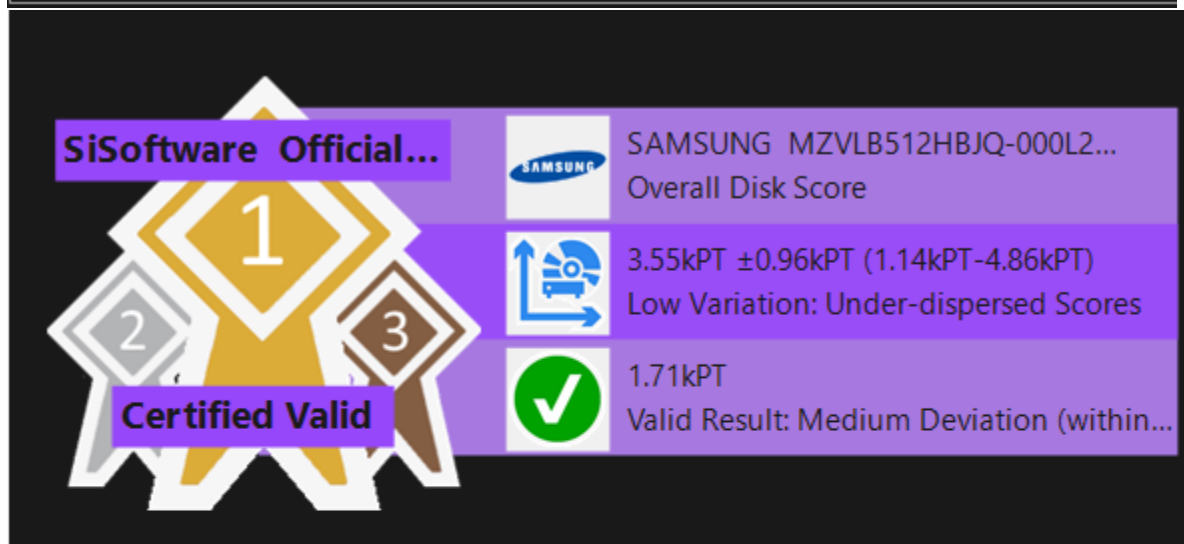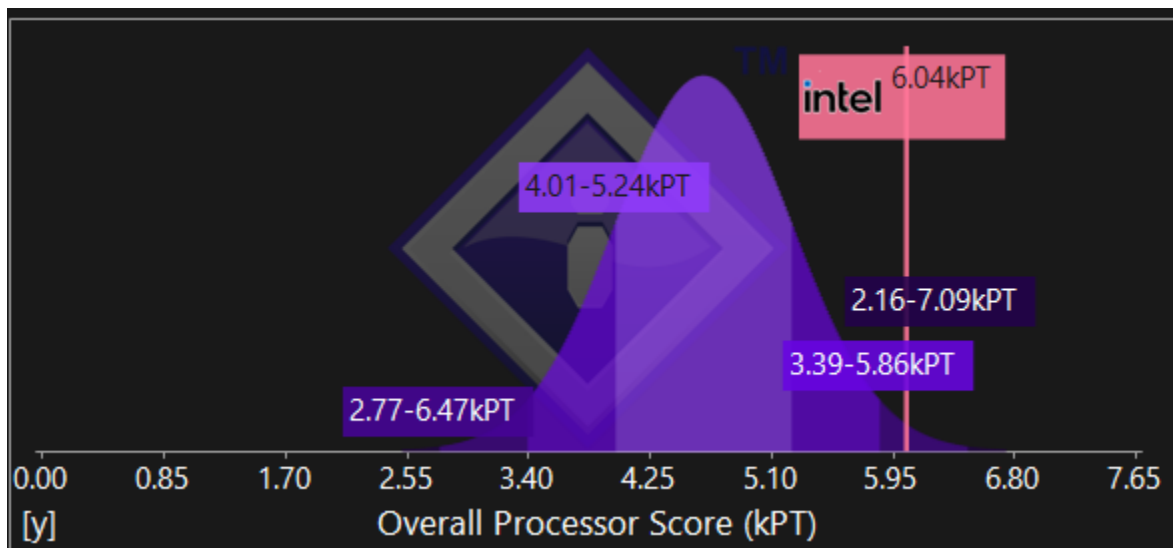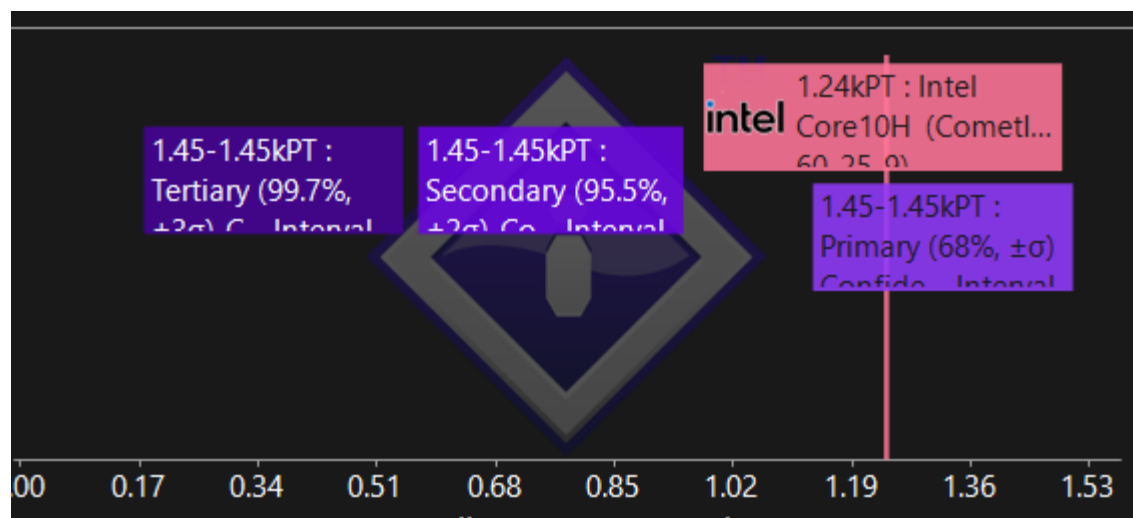Lenovo 82NL Legion 5 15IMH6 (Lenovo LNVNB161216)

Local Rank
Not validated
Saturday, October 5, 2024 @ 10:01:58 AM
c2ffc8fed8b9d8e5d4e6d5e2d4e3c5b78aba9cf99ca191b7c4f9c9

TM

intel 6.04kPT

4.01-5.24kPT

2.16-7.09kPT

3.39-5.86kPT

2.77-6.47kPT

0.00	0.85	1.70	2.55	3.40	4.25	5.10	5.95	6.80	7.65

[y]

Overall Processor Score (kPT)

SiSoftware Official...

1

2

3

Certified Valid

SAMSUNG MZVLB512HBJQ-000L2...
Overall Disk Score

3.55kPT ±0.96kPT (1.14kPT-4.86kPT)
Low Variation: Under-dispersed Scores

1.71kPT
Valid Result: Medium Deviation (within...

TM

SAMSUNG
MZVLB512HBJQ-
000L2 (..ES..4kP)

Primary (68%, ±σ)
Confidence
Interval

Secondary (95.5%,
±2σ) Confidence
Interval

0.00	0.88	1.76	2.64	3.52	4.40	5.28	6.16	7.04	7.92

[y]

Overall Disk Score (kPT)

1.45-1.45kPT : Tertiary (99.7%, +3σ) C...Interval	1.45-1.45kPT : Secondary (95.5%, +2σ) Co...Interval		**intel** 1.24kPT : Intel Core10H (Cometl... 60, 25, 9)			
			1.45-1.45kPT : Primary (68%, ±σ) Confide...Interval			

```
.00    0.17    0.34    0.51    0.68    0.85    1.02    1.19    1.36    1.53
```

Exercise 2

upper	0	1	2	4	8	16	32	64
1000	0	0	0	0	0	0	0	0
10000	0.011	0.012	0.009	0.005	0.004	0.002	0.003	0.004
100000	0.881	0.89	0.665	0.389	0.234	0.162	0.133	0.127
1000000	72.494	72.613	54.341	31.841	17.805	11.992	10.394	9.984

1000

10000

100000

1000000