

UserBenchmark

BEL-User

BE

CPUGPUSSDHDDRAMUSB EFPSFPS SkillBench

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Dell XPS 15 9510

Performance Results

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TEST YOUR PC

Gaming 11%

Tree trunk

Desktop 61%

Destroyer

Workstation 11%

Tree trunk

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PC Status

Overall this PC is performing below expectations (22nd percentile). This means that out of 100 PCs with exactly the same components, 78 performed better. The overall PC percentile is the average of each of its individual components. Use the charts in the benchmark sections of this report to identify problem areas.

Processor

With a good **single core** score, this CPU can easily handle the majority of general computing tasks. Despite its good **single core** score this processor isn't appropriate for workstation use due to its relatively weak multi-core performance. Finally, with a gaming score of 58.3%, this CPU's suitability for 3D gaming is average.

Graphics

6.1% is a very low 3D score (RTX 2060S = 100%). This GPU can only handle very basic 3D **games** but it's fine for general computing tasks.

Boot Drive

171% is an exceptional SSD score. This drive is suitable for heavy workstation use, it will facilitate fast boots, responsive applications and allow for fast transfers of multi-gigabyte files.

Memory

16GB is enough RAM to run any version of Windows and it's more than sufficient for nearly all games. 16GB also allows for very large file and system caches, software development and batch photo editing/processing.

OS Version

Windows 11 is the most recent version of Windows.

Sub-optimal background CPU (15%). High background CPU reduces benchmark accuracy. [How to reduce background CPU.](#)

System

Dell XPS 15 9510 (all builds)

Motherboard

Dell 01V4T3

Memory

2.3 GB free of 16 GB @ 3.2 GHz

Display

1920 x 1200 - 32 Bit colors, 1920 x 1080 - 32 Bit colors

OS

Windows 11

BIOS Date

20230713

Uptime

7.2 Days

Run Date

Oct 27 '23 at 12:26

Run Duration

121 Seconds

Run User

BEL-User

Background CPU

15%

PC Performing below expectations (22nd percentile)

Actual performance vs. expectations. The graphs show user score (x) vs user score frequency (y).

Processor

Bench

Normal

Heavy

Server

Intel Core i7-11800H
56,029 User benchmarks, average bench 88%
U3E1, 1 CPU, 8 cores, 16 threads
Base clock 2.3 GHz, turbo 2.65 GHz (avg)
 Performing way below expectations (1st percentile)

58.3%

Above average

Memory 58.8

1-Core 99.5

2-Core 190

64% 116 Pts

4-Core 311

8-Core 517

50% 414 Pts

64-Core 772

48% 772 Pts

Poor: 83%

Great: 94%

This bench: 58.3%

Graphics Card

Bench

3D DX9

3D DX10

3D DX11

UserBenchmark

BEL-User

CPU

GPU

SSD

HDD

RAM

USB

EFPS

FPS

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ABOUT



discrete GPUs?
Dell(1028 0A61) 1GB
Driver: igdumd64.dll Ver. 31.0.101.4502
⚠ Performing below expectations (31st percentile)

Poor: 5% ↑ Great: 9%
This bench: 6.1%

Drive	Bench ?	Sequential ?	Random 4k ?	Deep queue 4k ?
Nvme Micron 2300 1024GB 2,439 User benchmarks, average bench 223% 722GB free (System drive) Firmware: 23000030 Max speed: PCIe 5,000 MB/s SusWrite @10s intervals: 994 919 951 1004 1224 1226 MB/s ⚠ Performing way below expectations (16 th percentile)	171% Outstanding	Read 982 Write 1,092 Mixed 920 SusWrite 1053 229% 1,012 MB/s	4K Read 37.3 4K Write 81.3 4K Mixed 48.5 162% 55.7 MB/s	DQ Read 510 DQ Write 240 DQ Mixed 442 310% 397 MB/s
Poor: 144% ↑ Great: 304% This bench: 171%				

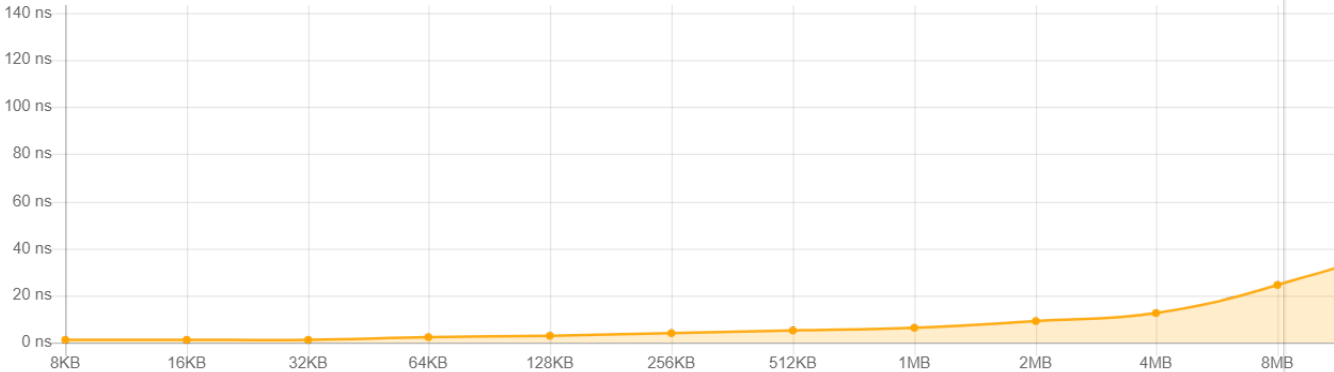
Memory Kit	Bench ?	Multi core ?	Single core ?	Latency ?
Unknown 4ATF1G64HZ-3G2B2 2x8GB 519 User benchmarks, average bench 71% 2 of 2 slots used 16GB SODIMM DDR4 clocked @ 3200 MHz ✔ Performing as expected (43 rd percentile)	68.2% Good	MC Read 27.7 MC Write 28.1 MC Mixed 21.1 73% 25.6 GB/s	SC Read 12.8 SC Write 27.5 SC Mixed 10.5 48% 16.9 GB/s	Latency 123 32% 123 ns
Poor: 51% ↑ Great: 87% This bench: 68.2%				

📄 Take a copy of your results

📺 How to check your in-game FPS

🕒 System Memory Latency Ladder ?

L1/L2/L3 CPU cache and main memory (DIMM) access latencies in nano seconds.



🎯 SkillBench Score 0: 0P 0R 0G 0B (High Scores)

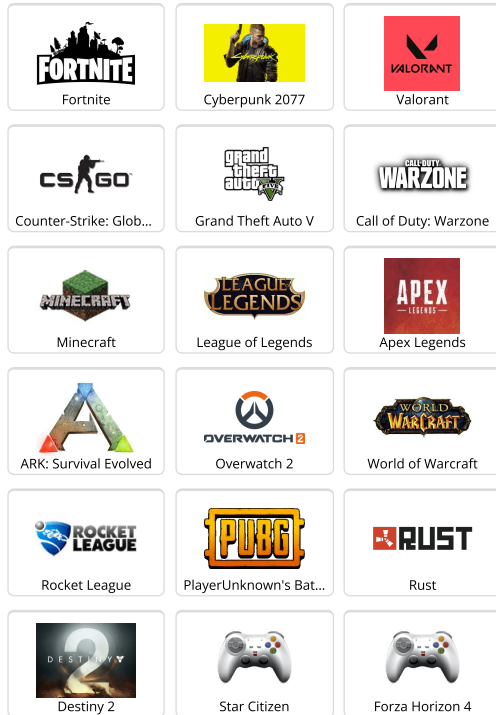
Measures user input accuracy relative to the given hardware.

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PC Games

Compare your in-game performance to other users with your hardware: UHD Graphics, Display(), 1536 x 960, 59 Hz.

1. Pick a game that you play on this PC.



MORE GAMES

2. What settings do you play on?

Settings

Low

Med

High

Max

3. How many (uncapped) fps do you get?

Avg. fps

SUBMIT YOUR FPS



Custom PC Builder (Explore upgrades for this PC)

Build your perfect PC: compare component prices, popularity, speed and value for money.

CHOOSE AN UPGRADE:



Typical XPS 15 9510 Builds (Compare 4,601 builds)

See popular component choices, score breakdowns and rankings.



Gaming 15%

Tree trunk ?



Desktop 85%

Aircraft carrier ?



Workstation 15%

Tree trunk ?

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Core i7-11800H

Intel

Bench 88%, 56,029 samples

3,438x

UHD Graphics

Intel

Bench 7%, 53,008 samples

2,857x

PC711 SK hynix 1TB

Nvme

Bench 277%, 3,587 samples

887x

HMAA1GS6CJR6N-XN 2x8GB

Unknown

Bench 70%, 13,540 samples

1,104x

Core i9-11900H

Intel

Bench 89%, 4,577 samples

1,101x

RTX 3050-Ti (Laptop)

Nvidia

Bench 61%, 20,957 samples

1,467x

PC711 SK hynix 512GB

Nvme

Bench 250%, 2,402 samples

758x

HMAA2GS6CJR8N-XN 2x16GB

Unknown

Bench 92%, 3,591 samples

675x

Core i5-11400H

Intel

Bench 80%, 35,470 samples

62x

GeForce RTX 3050 Laptop GPU

Nvidia

Bench 54%, 21,526 samples

189x

PM9A1 Samsung 1024GB

Nvme

Bench 332%, 4,214 samples

464x

M471A1G44BB0-CWE 2x8GB

Samsung

Bench 64%, 6,868 samples

485x

EDIT WITH CUSTOM PC BUILDER

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The Best.

CPU

Intel Core i5-13600K \$309
Intel Core i5-12600K \$218
Intel Core i5-12400F \$150

GPU

Nvidia RTX 4060 \$299
Nvidia RTX 4060-Ti \$389
Nvidia RTX 3060-Ti \$340

SSD

Crucial MX500 250GB \$30
Samsung 850 Evo 120GB \$60
Samsung 860 Evo 250GB \$50

HDD

Seagate Barracuda 1TB (2016) \$40
WD Blue 1TB (2012) \$31
Seagate Barracuda 2TB (2016) \$60

RAM

Corsair Vengeance LPX DDR4 3200 C16 2x8GB \$42
Corsair Vengeance LPX DDR4 3000 C15 2x8GB \$43
G.SKILL Trident Z DDR4 3200 C14 4x16GB \$360

USB

SanDisk Extreme 64GB \$72
SanDisk Extreme 32GB \$28
SanDisk Ultra Fit 32GB \$16




Today's hottest

Amazon

Ebay

deals



CPU

GPU

SSD

HDD

USB

RAM

MBD

Build

Test

EFps

Can You Run It?

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Got it

