

COMPARE

CPU

GPU

SSD

HDD

RAM

USB

GPU RANKINGS

TEST YOUR GPU

ADD TO PC BUILD


Game EFps

Nvidia

RTX 5070-Ti

72

1,145



\$750

Release date: Q1 2025.

5050	5060-Ti	5060	5070-Ti
5070	5080	5090	

> Why don't youtubers promote UserBenchmark?


Nvidia

RTX 4070-Ti

Superseded by the RTX 5070-Ti »

94

10,293



BUY • \$730

Release date: Q1 2023.

4060-Ti	4060	4070-Ti	4070
4070-S	4070-TS	4080	4080-S
4090			

> Why does UserBenchmark have negative trustpilot reviews?

VS

Bench Your GPU

Effective Speed

+19%

5,759 User Benchmarks

Great bench: 136% Gigabyte(1458 417F) ≥ 4GB

Poor bench: 76% Asus(1043 89F4) ≥ 4GB

120,180 User Benchmarks

Great bench: 106% Gigabyte(1458 40CB) ≥ 4GB

Poor bench: 90% Gigabyte(1458 40C6)

Real World Speed

Performance profile from 125,939 user samples

Benchmark your GPU here

SPEED RANK: 6<sup>th</sup> / 453

119 %

Faster effective speed.

+19%

SPEED RANK: 9<sup>th</sup> / 453

101 %

Effective 3D Speed

Effective 3D Gaming GPU Speed

Average Score

+35%

Lighting	390 fps	Better lighting effects.	348 fps
Avg. Locally-deformable PRT (Bat)		+12%	
Reflection	377 fps	Slightly better reflection handling.	351 fps
Avg. High dynamic range lighting (Teapot)		+7%	
MRender	460 fps		477 fps +4%
Avg. Render target array GShader (Sphere)			
Gravity	668 fps	Hugely faster NBody calculation.	297 fps
Avg. NBody particle system (Galaxy)		+125%	

Overclocked Score ▼

+42%

Lighting	460 fps	Better peak lighting effects.	370 fps
Locally-deformable PRT (Bat)		+24%	
Reflection	520 fps	Slightly better peak reflection handling.	482 fps
High dynamic range lighting (Teapot)		+8%	
MRender	504 fps		507 fps +1%
Render target array GShader (Sphere)			
Gravity	739 fps	Hugely faster peak NBody calculation.	313 fps
NBody particle system (Galaxy)		+136%	

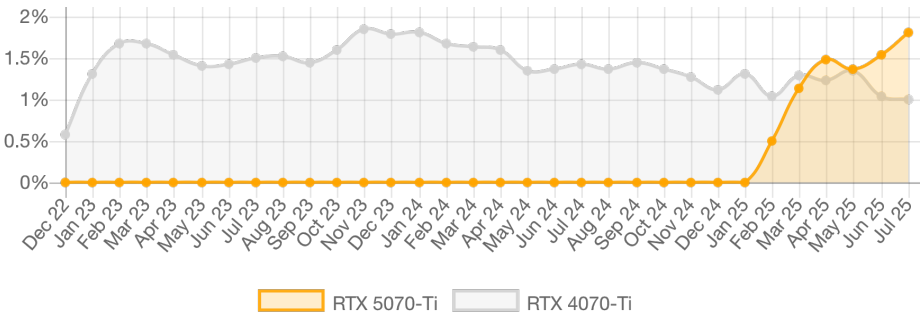
Value & Sentiment ▼

+16%

Market Share

Based on 70,614,659 GPUs tested

See market share leaders



Market Share	1.8 %	Hugely higher market share.	0.99 %
Market Share (trailing 30 days)		+82%	
Value	37.7 %	Better value.	32.7 %
Value For Money		+15%	
User Rating	72 %		94 %
UBM User Rating			+31%
Price	\$750		\$730 +3%
Price (score)			

Nice To Haves ▼

+32%

Age	5 Months	Hugely more recent.	31 Months
Newest		+84%	

Parallax Parallax occlusion mapping (Stones)	514 fps	Better peak texture detail. +25%	411 fps
Splatting Force Splatted Flocking (Swarm)	262 fps	Faster peak complex splatting. +16%	225 fps
Parallax Avg. Parallax occlusion mapping (Stones)	438 fps	Better texture detail. +19%	368 fps
Splatting Avg. Force Splatted Flocking (Swarm)	243 fps	Faster complex splatting. +14%	214 fps

## Conclusion ▼

### Average Bench 119%

Nvidia's 5000 series GPUs are around 20% faster than their corresponding 4000 series counterparts ([4060](#), [4060 Ti](#), [4090](#), [4080](#), [4070 Ti](#), [4070](#)). Supply is almost non-existent at the moment so value for money considerations are not possible. [Over the last five years, aggressive marketing through platforms like Reddit, YouTube, and forums—combined with subpar products—has crippled the credibility of AMD's Radeon brand.](#) Meanwhile, Intel has yet to release a truly competitive discrete GPU, though the [B580 is getting close](#). As a result, once again, Nvidia only have themselves to compete with so it might take longer than usual for the 5000 series models to come into stock. Gamers that own a [3060](#) or better GPU need not rush to upgrade as dropping settings to medium/high rarely detracts much from real-world gameplay. Rather than overpaying scalpers for scarce stock, it's worth waiting for prices to drop to MSRP. Users looking for the best price/performance should wait for the \$300 USD 8GB 5060 cards, anticipated to "launch" in

### Average Bench 101%

The RTX 4070-Ti is based on Nvidia's Ada Lovelace architecture. It features 7,680 cores with base / boost clocks of 2.3 / 2.6 GHz, 12 GB of memory, a 192-bit memory bus, 60 3rd gen RT cores, 240 4th gen Tensor cores, DLSS 3 (with frame generation), a TDP of 285W and an MSRP of \$800 USD. The [4070-Ti is around 50% faster than the 3070-Ti](#) and offers [similar performance to the 3090-Ti](#) at less than half the price. Since the 4070-Ti only has 12GB-192-bit memory (vs 24GB-384-bit in the 3090-Ti) it is relatively weaker (5-10%) at 4K. Users tempted to consider the 7900 XT/X by AMD's army of sponsored Advanced Marketers (youtube, reddit, twitter, forums etc.) should be aware that AMD have a history of releasing benchmark busting, [heavily marketed, sub standard products](#). Although the [7900 XTX does outperform the 4070-Ti on paper](#), the 4070-Ti is more power efficient (quieter), has a broader feature set (RT/DLSS 3.0) and offers far better game compatibility (drivers). PC gamers still looking to join AMD's "2%" GPU club (Steam stats: 5000/6000 series combined mkt

May 2025. Lately, influencers have been fixated on VRAM—mainly because it's one of the few specs their sponsors can actually compete on. However, 8GB of VRAM is still more than enough for most gamers, [who are normally best off playing at 1080p either way](#). Although AMD's influencers universally trashed the [4060](#), gamers quickly made it a global bestseller—a sign that even first time buyers are wising up to the scammers. [*Mar '25 GPUPro*]

[MORE DETAILS](#)

share) need to work on their critical thinking skills: Influencers are paid handsomely to promote inferior products. Most gamers, [who are best off playing at 1080p](#), should wait for the upcoming, better value, 4060 series cards. Shoppers looking for more affordable options in the near term should consider the previous gen [3060-Ti](#), which offers excellent real-world performance for \$400 USD. [*Jan '23 GPUPro*]

[MORE DETAILS](#)

User Builds ▼	5,759	120,180
Systems with these GPUs <small>Top Builds that include these GPUs</small>	<a href="#">Gigabyte Z790 AORUS ELITE AX (84)</a> <a href="#">Asus TUF GAMING Z790-PLUS WIFI (81)</a> <a href="#">Cyberpowerpc GamingPC (69)</a> <a href="#">MSI MAG Z790 TOMAHAWK WIFI (MS-7D91) (58)</a> <a href="#">MSI PRO Z790-P WIFI (MS-7E06) (49)</a> <a href="#">MSI Z790 GAMING PLUS WIFI (MS-7E06) (46)</a> <a href="#">MSI PRO Z790-A MAX WIFI (MS-7E07) (43)</a>	<a href="#">Gigabyte Z790 AORUS ELITE AX (1,702)</a> <a href="#">Asus PRIME Z790-P WIFI (1,359)</a> <a href="#">MSI PRO Z790-P WIFI (MS-7E06) (1,130)</a> <a href="#">MSI MAG Z790 TOMAHAWK WIFI (MS-7D91) (1,002)</a> <a href="#">Asus TUF GAMING Z790-PLUS WIFI (786)</a> <a href="#">Asus PRIME Z790-A WIFI (765)</a> <a href="#">MSI PRO Z690-A DDR4 (597)</a>

## Custom PC Builder [\(Start a new build\)](#)

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

### CHOOSE A COMPONENT:

CPU	GPU	SSD	HDD	RAM	MBD
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## Graphics Card Rankings [\(Price vs Performance\)](#)

August 2025 GPU Rankings

We calculate [effective 3D speed](#) which estimates gaming performance for the [top 12 games](#). Effective speed

is adjusted by current prices to yield [value for money](#). Our figures are checked against thousands of individual [user ratings](#). The customizable table below combines these factors to bring you the definitive list of top GPUs.   
[GPUPro]

## Group Test Results

**Best user rated** - User sentiment trumps benchmarks for this comparison.  
**Best value for money** - Value for money is based on real world performance.  
**Fastest real world speed** - Real World Speed measures performance for typical consun

## How Fast Is Your GPU? [\(Bench your build\)](#)

Size up your PC in less than a minute

Welcome to our PC speed test tool. UserBenchmark will test your PC and compare the results to other users with the same components. You can quickly size up your PC, identify hardware problems and explore the best value for money upgrades.

### UserBenchmarks by technical masters

 Gaming	 Desktop	 ProGaming
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### How it works

CPU

GPU

SSD

HDD

RAM

USB

- Download and run UserBenchmark
- CPU tests include: integer, floating and string
- GPU tests include: six 3D game simulations
- Drive tests include: read, write, sustained write and mixed IO
- RAM tests include: single/multi core bandwidth and latency
- [SkillBench \(space shooter\)](#) tests user input accuracy
- Reports are generated and presented on [userbenchmark.com](#)
- Identify the strongest components in your PC
- See speed test results from other users
- [Compare](#) your components to the current market leaders
- Explore your best upgrade options with a [virtual PC build](#)
- Compare your [in-game FPS](#) to other users with your hardware

## Frequently Asked Questions

### Computer Components FAQ

[What is the UBM value for money rating?](#)

[What is UBM Effective Speed?](#)

[Thunderbolt speed?](#)

[Are USB 3.0 cables different?](#)

### Graphics Cards

[How to force Optimus or Switchable discrete GPUs?](#)

[What are the UBM DX11 GPU tests?](#)

[What are the UBM DX10 GPU tests?](#)

[What are the UBM DX09 GPU tests?](#)

[What is the Splatting GPU benchmark?](#)

[What is the Gravity \(NBody\) GPU benchmark?](#)

[What is the MRender GPU benchmark?](#)

[What is the parallax \(POM\) GPU benchmark?](#)

[What is the reflection \(HDR\) GPU benchmark?](#)

[What is the lighting \(LDPRT\) benchmark?](#)

[What is the GPU value for money rating?](#)

[What is the effective GPU speed index?](#)

[ALL FAQs »](#)

## ☆ Best User Rated

Nvidia RTX 5060	Nvidia RTX 506...	Nvidia RTX 4060	Nvidia RTX 406...	Nvidia RTX 4070	Nvidia RTX 5070
Nvidia RTX 3070	Nvidia GTX 166...	Nvidia RTX 3060	Nvidia RTX 306...	Nvidia RTX 407...	Nvidia RTX 3080



➤ Why does UserBenchmark have a bad reputation on reddit?

➤ Why does UserBenchmark need so many captchas?

➤ Why don't youtubers promote UserBenchmark?

➤ Why does UserBenchmark have negative trustpilot reviews?

➤ Why is UserBenchmark the gold standard for users?

# The Best

CPU

AMD Ryzen 5 9600X **\$198**  
Intel Core i5-14600K **\$195**  
Intel Core i7-14700K **\$300**

GPU

Nvidia RTX 5060 **\$284**  
Nvidia RTX 5060-Ti **\$380**  
Nvidia RTX 4060-Ti **\$450**

SSD

WD Black SN850X M.2 2TB **\$123**  
WD Black SN850X M.2 1TB **\$92**  
Crucial T700 M.2 4TB **\$380**



Today's hottest 

Amazon 

 deals 

CPUGPUSSDHDDUSB RAM MBD



If you buy something via a price link, UserBenchmark may earn a commission

Build

Test

EFps

Can You Run It?

  
YouTube  
\*NEW\*