

## Forum:[Hack Forums](#)

Thread: [Linux kernel 6.14 is a big leap forward in performance and Windows compatibility](#)

**Rsynced** - March 26, 2025, 11:57 am

This is really cool. The NTSYNC Driver is what everyone was waiting for, finally windows games will be cross-platform on linux. My guess is they will run better than windows since you can customize your distro far beyond any windows build.

Quote:The new release is finally here with cutting-edge features that should please gamers.

Quote:Linux gamers are eagerly awaiting this release. YouTube Linux video host Gardiner Bryant proclaimed, "NTSYNC will change Linux gaming forever." On Reddit, one poster said, "NTsync hits all points. It's fast, portable, robust, and correct. The correctness comes from just straight up implementing Windows style synchronization semantics in a kernel module rather than trying to jury-rig or iterate on the futex/futex2 interface."

Gamers always want the best possible graphics performance, so they'll also be happy to see that Linux now supports recently launched AMD RDNA 4 graphics cards. This approach includes support for the AMD Radeon RX 9070 XT and RX 9070 graphics cards. Combine this support with the recently improved open-source RADV driver and AMD gamers should see the best speed yet on their gaming rigs.

source:

<https://www.zdnet.com/article/linux-kernel-6-14-is-a-big-leap-forward-in-performance-and-windows-compatibility/>

**Bastille** - March 26, 2025, 2:43 pm

Finally ! To be honest I didn't expect this so "early", I've read many times that we would have wait years before getting it.

I'm running a dualboot Fedora/Windows and use Windows only for gaming and GFX with the Adobe suite, if I can do everything from Linux that would be crazy !

**Rsynced** - March 26, 2025, 2:49 pm

(Mar 26, 2025 02:43 PM)Bastille Wrote: [\[CITE\]](#) Finally ! To be honest I didn't expect this so "early", I've read many times that we would have wait years before getting it.

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I know. This is so much better than waiting for Mac Games to come out!

**Phantom\_NiNja** - March 26, 2025, 2:57 pm

(Mar 26, 2025 11:57 AM)Rsynced Wrote: [\[CITE\]](#) This is really cool. The NTSYNC Driver is what everyone was waiting for, finally windows games will be cross-platform on linux. My guess is they will run better than windows since you can customize your distro far beyond any windows build.

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What is NTSYNC Driver for? Is it just for gaming or will it support any windows application?

If it supports both games and windows programs. I have been waiting for this day for the rest of my life since I started using linux.

I never got rid of windows because of colleges in my area requiring you to have it so you can use ms office and only ms software products.

I was extorted in school. I either had to buy MS office or get an F on all homework and flunk the class. They don't tell you this before the class starts and 2 weeks after the class starts they will discuss how you need to turn in homework. The 2 weeks there's no homework. It's just reading syllabus and then having reading assignments. Then after 2 weeks which means you cannot drop the class and get 100% refunds they then throw this crap on you.

If I had this before going to college. I would have ditch windows a long ass time ago.

**Rsynced** - March 26, 2025, 3:11 pm

(Mar 26, 2025 02:57 PM)Phantom\_NiNja Wrote: [\[CITE\]](#) What is NTSYNC Driver for? Is it just for gaming or will it support any windows application?

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It aims to implement Windows NT (Windows kernel) synchronization primitives within the Linux kernel, potentially improving the performance of Windows applications running on Linux via Wine or Proton.

So everything.

**Ravensshadow** - March 27, 2025, 12:02 pm

Nice, I'm still pretty green on Linux related subjects but this encourages me to look further into it if I can run windows related games and applications.

**Rsynced** - March 28, 2025, 9:07 am

(Mar 27, 2025 12:02 PM)Ravensshadow Wrote: [\[CITE\]](#) Nice, I'm still pretty green on Linux related subjects but this encourages me to look further into it if I can run windows related games and applications.

Give it another year or so and windows software should be working much better.

**200ok** - April 5, 2025, 11:04 am

I figured it would be released for AMD, mainly because most distro's work better with an AMD driver but does anyone know when they will start supporting Nvidia drivers?

**Rsynced** - April 5, 2025, 11:51 am

(Apr 5, 2025 11:04 AM)200ok Wrote: [\[CITE\]](#) I figured it would be released for AMD, mainly because most distro's work better with an AMD driver but does anyone know when they will start supporting Nvidia drivers?

IDK, but I found this video:

[Video: <https://www.youtube.com/watch?app=desktop&v=OXkXzaFCNAs>]

**banonkiel** - April 5, 2025, 4:23 pm

There's this little gap where Hardware manufacturers create specific software to "configure" some of their settings.

If this fills it, I'm honestly more happy to remove Windows and solo Linux.

Also the recent news that SteamOS is being released, for the first time, on a handheld device is very important.

Hopefully, the day isn't far where Linux is a target for releases of every Game/Software.

**Pr0m3th3us** - April 5, 2025, 4:43 pm

I hate windows. Once this becomes mainstream I'm down to switch as long as all steam games work fine and NVIDIA is supported. Did I mention I hate windows?

**Rsynced** - April 5, 2025, 5:06 pm

(Apr 5, 2025 04:43 PM)Rustoleum Wrote: [\[CITE\]](#) I hate windows. Once this becomes mainstream I'm down to switch as long as all steam games work fine and NVIDIA is supported. Did I mention I hate windows?

I see it happening one day for sure.

**The Joker** - April 21, 2025, 2:04 am

NTSYNC is a major milestone for Linux gaming, bridging the gap for seamless Windows game support. With Linux's performance tuning capabilities, we may indeed see better optimization than on native Windows systems.

**Noxio** - April 21, 2025, 2:18 am

Definitely an exciting time. We're getting real close to that "plug-and-play" era for Linux gaming that people dreamed of a decade ago.