

Ubuntu 21.10 outperforms Windows 10/11 in various performance tests

According to the exam plan, Microsoft's next generation PC operating system platform - Windows 11 - will be officially released to the public on October 5.

As planned, Microsoft's next-generation PC operating system platform - Windows 11 - will be officially released to the public on October 5. That's about a week earlier than the official release of Ubuntu 21.10 (codenamed "Impish Indri") October 14 - a major update that is also getting a lot of attention in the world. Linux open source operating system. Therefore, there have been many curious and even controversial opinions around the possible performance difference between these two seemingly unrelated operating system platforms, especially when they run on the same platform. a hardware setting.

To answer some of the questions from the community, the technology site has made a few small comparisons about the performance of these two operating system platforms on the same PC system.

The PC system used for testing has the following basic configuration:

1. AMD Ryzen 9 5900X
2. GeForce RTX 3090
3. 16GB RAM
4. Windows 10 21H1 / Windows 11 Build 22000.168
5. Ubuntu 21.10

According to the benchmark results obtained when comparing several workstation applications, it seems that Ubuntu 21.10 gives significantly better performance than Windows 11, especially in tests that emphasize CPU dependence, with a difference even up to about 50%. In other words, the ability to manage and use CPU resources available on the system of Ubuntu 21.10 is much more optimal than that of Windows 11.

Picture 1 of Ubuntu 21.10 outperforms Windows 10/11 in various performance tests

Picture 2 of Ubuntu 21.10 outperforms Windows 10/11 in various performance tests

Picture 3 of Ubuntu 21.10 outperforms Windows 10/11 in various performance tests

Picture 4 of Ubuntu 21.10 outperforms Windows 10/11 in various performance tests

In contrast, GPU-focused applications tend to work more efficiently on Microsoft's operating system. However, the performance gap between the two operating systems in this respect is not really significant.

From the summary figures, it can be seen that Windows 11 does not really bring many significant performance improvements compared to Windows 10, at least with this build. In particular, the results of the WebP image

encoding evaluation show a certain anomaly when the Windows 10 system is much faster than Windows 11. This may be due to a bug in the Windows 11 system. .

Picture 5 of Ubuntu 21.10 outperforms Windows 10/11 in various performance tests

Overall, Ubuntu 21.10 seems to be ~10% faster than Windows 10, and slightly more than Windows 11. You can find a full performance review with more benchmarks on its website. Phoronix at [HERE](#).

You finished reading the article "**Ubuntu 21.10 outperforms Windows 10/11 in various performance tests**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.
