

Windows Server 2025: Top Ten Features

Here are a few great reasons to upgrade to Windows Server 2025.



1. Top Rated Server Reliability with Lenovo

Lenovo has been #1 in x86 Server Reliability for 10 consecutive years, #1 in x86 Security for 5 years, and #1 in current World Record performance workloads.^[1] If you are upgrading to Windows Server 2025, upgrade with Lenovo.

Windows Server 2025 Top Features

2. Updated User Experience

With Windows Server 2025, you can enjoy a familiar desktop shell experience that conforms to the style and appearance of Windows 11. This also enables Wi-Fi and Bluetooth compatibility, so you can use wireless mice, keyboards, and similar peripherals.

3. Hyper-V and GPU Partitioning

Enjoy Hyper-V functionality, with up to 1,792 virtual processors and 29.7TB of RAM supported. Enable GPU Partitioning to share a physical GPU device with multiple Virtual Machines (VMs). Each VM gets a fraction of the GPU, so you can achieve more with less.

4. Cluster Improvements

There are several types of cluster improvements in Windows Server 2025, including Failover Clustering and Workload Clusters. Failover Clustering provides improved cluster-aware updating, reliability, and performance improvements, and Workgroup Clusters don't require Azure Active Directory.

5. Security

Security is a top priority for Windows Server 2025. It is so important, here is a comprehensive guide to the security features in Windows Server 2025, but the main takeaway is that Windows Server 2025 is secure by default. These new functionalities help stop relay attacks, attacker-in-the-middle attacks, phishing attacks and more.

6. Container Improvements

With Container improvements in Windows Server 2025, you can upgrade the host without upgrading containers. Other improvements include increased agility, reduced image size, and improved Nano server compatibility.

7. Hotpatching

Thanks to Hotpatching support, OS security updates don't require a reboot and patching the in-

memory code of processes doesn't require you to restart. Bear in mind, this ability requires a monthly subscription, and your OS must run Azure Arc.

8. File Services

Storage can be a bottleneck for a lot of organizations. Now, Windows Server 2025 offers SMB over QUIC, a TCP alternative that provides secure, reliable connectivity to edge file servers over untrusted networks.

9. NVMe Optimization for Storage

Windows Server 2025 also offers you a lot more speed in your storage. With NVMe Optimization, you can improve your performance, resulting in an increase in IOPs and a decrease in CPU utilization. With increasing demand for AI workloads, this feature helps you handle more data with your CPUs.

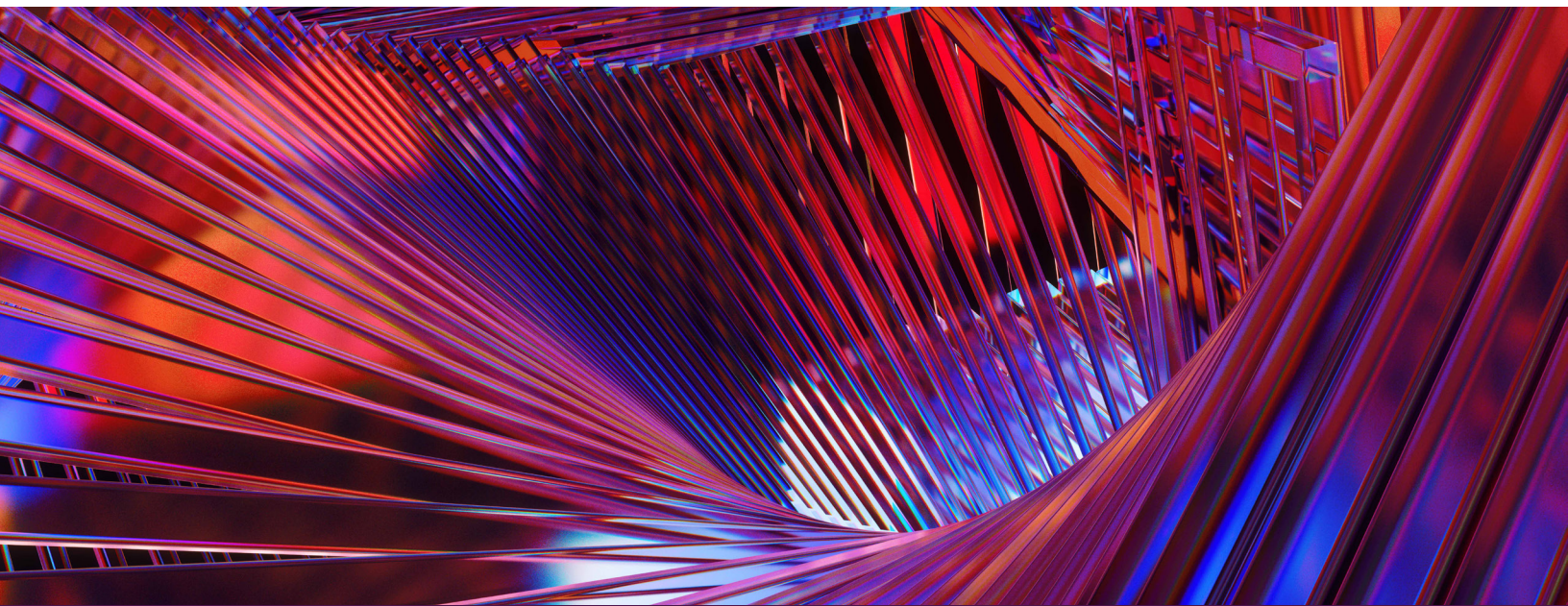
10. Microsoft 365 App Integration

You can use many of your favorite Microsoft 365 apps with Remote Desktop Services on Windows Server 2025.

...and more! If you want to learn even more about the fantastic features that Windows Server 2025 has to offer, you can find a full list [here](#).

Windows Server 2025 Optimize for innovation anywhere.

Lenovo



[1] - <https://lenovopress.lenovo.com/lp1117-itic-reliability-study>