

Save costs with the powerful features built into Windows Server 2016 Datacenter

Purchasing Windows Server 2016 Datacenter is a cost effective way for customers with mission-critical workloads and the need for high availability to future-proof their servers and never worry about VM compliance. Windows Server 2016 Datacenter provides additional features not available in other editions or previous versions of Windows Server.

Top three ways customers can save money with Datacenter edition

1. Unlimited virtualization

Windows Server 2016 Datacenter edition includes support for unlimited virtual machines and containers and Hyper-V Containers at no extra cost.

“Worldwide SMB spending on server virtualization is projected to grow 17% annually.”¹

Avoid purchasing third party virtualization software.

2. Powerful built in security

Along with built in malware protection, Host Guardian Services and Trusted Boot, Datacenter edition enables Shielded Virtual Machines that are protected against unauthorized access using various technologies including virtual disk encryption.

The average cost of a data breach is \$141.10 per record and \$3.62 million in total.²

Get help avoiding costly data breaches and security disruptions.

3. Hardware flexibility with software defined storage and networking

Storage Spaces Direct, enables building highly available (HA) storage systems with inexpensive local storage. Software Defined Networking provides a network controller, software load balancer, and multi-tenant gateway.

On average midsize companies have 50TB to 60TB of data storage across a myriad of storage arrays, NAS devices, and appliances.³

Avoid costly third party NAS storage and networking appliances while getting storage failover protection.

1. AMI Partners, AMI's 2H14 Global Model, 2015
2. Ponemon Institute LLC June 2017: 2017 Cost of Data Breach Study
3. Predicts 2015: Midmarket CIOs Must Shed IT Debt to Invest in Strategic IT Initiatives, Gartner 2014

Edition Comparison	Windows Server 2016	
	Datacenter	Standard
RDS	●	●
Failover clustering	●	●
Just Enough Admin/Just in Time	●	●
Windows Defender built-in	●	●
Shielded VMs & Host Guardian Services	●	○
New network stack & controllers	●	○
Storage Replica	●	○
Storage Spaces Direct	●	○
VMs	Unlimited	2
Hyper-V Containers	Unlimited	2
Windows Server Containers	Unlimited	Unlimited
CALs required	Yes WS2016 CALs	Yes WS2016 CALs
Must be sold with hardware	Yes	Yes
Reassignment rights	Yes (for specific SKU)	No

Avoid overpaying for Microsoft software

Purchase Microsoft software with your new server as a Lenovo part number with a Reseller Option Kit (ROK). ROK is a **software distribution model** that is a cost effective, install-ready kit to help you deploy Microsoft software on Lenovo hardware.

Lenovo ROK Advantage

Lenovo ROK Advantage	Lenovo OEM ROK	Un-branded COEM	Microsoft "Open" Volume License
Price	Often best price*	Varies, but typically 3 to 5% more*	Varies, but typically 20 to 30% more
Free setup support	Yes	No	No
Downgrade media	Yes	No	Yes, from Microsoft
Lenovo HW certified	Yes, with tested drivers	No	No
Simplified ordering	Yes, with Lenovo Part #	No	No
Portable license	Yes, with SA or reassignment rights options		Yes
Software assurance	Yes, can be purchased within 90 days		Yes, with license purchase
VM mobility	Yes		

Easy purchase steps

- 1 Select Lenovo server
- 2 Select OS with Lenovo ROK
- 3 Add Lenovo ROK CALs, additional cores as needed
- 4 Consider Lenovo ROK SQL Server 2017 and SQL CALs

*Pricing varies by market and channel partner, Lenovo makes no guarantees to pricing estimates shown. © 2018 Lenovo. All rights reserved. Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, System x, ThinkServer are trademarks or registered trademarks of Lenovo. Microsoft and Windows are registered trademarks of Microsoft Corporation.

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