

FabricXpress® Windows Server Software-Defined

Advantage

Compute: Right-size resources.

All FX-WSSD Hyper-converged solutions offer a multitude of Server Core options for the host. Upgrade CPUs at a later date when demand increases.

Storage: Increase performance.

All FX-WSSD solutions uses Storage Spaces Direct, providing consistent, extremely low latency because the hypervisor embedded architecture, built-in read/write cache, and NVMe drives are mounted directly on the PCIe bus.

Networking: Speed up changes.

All FX-WSSD solutions take advantage of performance-enhancing networking technologies in Windows Server. The Hyper-Converged Premium solution adds software-defined networking features that help to automate workload deployment with virtualized switching, routing, load balancing and firewalls— no configuration changes to the physical network needed.

Management: Simplify it.

All FX-WSSD solutions enable you to deploy and manage software-defined features across infrastructure using PowerShell and the Window Admin Center (WAC).

Affordability: Reduce CapEx & OpEx

All FX-WSSD use less rack space, power, and cooling with unequalled density and flexibility.

Solutions

Premium Hyper-converged solutions offer the highest level of performance, manageability, and security offered, delivered as a fully-deployed experience.

Standard Hyper-converged offer a simpler configuration for more basic HCI needs.

Converged Software-defined Storage solutions offer a standalone SDS storage option for use in larger, more flexible computing environments.



FX-WSSD configurations

Performance solutions are tuned for the maximum speed and are built using all NVMe flash.

Balanced solutions are tuned to provide the best performance and capacity at reasonable cost.

Capacity solutions focus on providing the largest, most cost-effective storage options.



Unleash cloud efficiencies in your datacenter

With WSSD validated solutions, you can tap into the same types of cloud-efficiencies used to run hyper-scale datacenters such as Microsoft Azure.



Choose the FabricXpress WSSD solution that best fits your needs

The software-defined technology in Windows Server 2016/2019 delivers the simplicity of a true appliance for hyper-converged infrastructure solutions that help organizations sustain efficiency and adjust to changing business needs. Choose the pre-configured, tested, and Microsoft certified solution that fits your needs:

FX-WSSD Solutions	Converged	HCI Standard	HCI Premium
Compute • Hyper-V		•	•
Storage • Storage Spaces Direct software-defined storage	•	•	•
Network • Software-defined networking capabilities • Switch Embedded Teaming, vSwitches, SMB Direct	•	•	• •
Management • Windows Admin Center • System Center Virtual Machine Manager • System Center Operations Manager • 5nine Cloud Manager	•	• • • •	• • • •
Security • BitLocker, Shielded Virtual Machines • Windows Defender, Credential Guard, Device Guard	•	•	• •

FX-WSSD Appliance Specifications

Software	Microsoft Windows Server 2019 Datacenter Edition	
Processors	Intel® XEON® E5-26xx V4 family	
Network	10/25/40/50/100GbE	
Configurations	4 Node	16 Node
Memory	512GB to 4TB RAM	2TB to 16TB
Scalable NVMe Storage*	Up to 288 NVMe SSDs providing 12.8TB to 920TB	Up to 1,152 NVMe SSDs providing 51.2TB to 3.7PB
Form Factor	4U	16U

* Increased capacity supported as higher capacity SSDs become available