

MEET DEMANDING WORKLOADS WHERE EVER THEY ARE

AXELLIO FABRICXPRESS ALL-NVMe SERVER VALIDATED FOR MICROSOFT AZURE STACK HCI

ADVANTAGE

STORAGE: DECREASE TIME TO VALUE.

Drive consistent and extremely low latency provided by Storage Spaces Direct (S2D) & FX All-NVMe servers. The capacity & performance of an all – flash storage array in a simple dense solution.

COMPUTE: RIGHT-SIZE RESOURCES.

Enable more with less. Multiple server core options for the host. Upgrade CPUs at a later date when need arises. Deploy small clusters of larger servers to decrease hardware & software costs.

NETWORKING: SPEED UP CHANGES.

Take advantage of performance-enhancing networking technologies in Windows Server. The solution adds software-defined networking features that automate workload deployment with no configuration changes to the physical network needed.

MANAGEMENT: SIMPLIFY IT.

Deploy and manage software-defined features, and your Azure hybrid cloud environment using Window Admin Center (WAC) and PowerShell.

AFFORDABILITY: REDUCE CAPEX & OPEX

Meet your demanding workloads wherever they are: use less rack space, power, and cooling with unequalled density and flexibility and deploy a seamless hybrid cloud with Microsoft Azure HCI.

SOLUTIONS

HYPER-CONVERGED The trifecta: Hyper-V, S2D, and Windows Server 2019 pre-configured on a purpose built server – FabricXpress. Take your infrastructure to the next level, of performance, simplicity, and efficiency.

HYBRID Extend to Azure quickly and easily with simplified access to cloud management. Simplified integration from on premises to cloud

VALIDATED We meet the same rigorous validation requirements as you'd see with Azure Stack, so you get up and running quickly and reliably – with one easy support call when needed.

CONFIGURATIONS

CONVERGED STORAGE solutions are tuned for the maximum storage capacity, performance, and network throughput to serve storage to your external compute resources and are built using all NVMe flash.

HYPER-CONVERGED INFRASTRUCTURE solutions are tuned to provide the best compute and storage performance for your VMs to maximize your application responsiveness for even the most demanding workloads.

WITH FX ALL-NVMe for AZURE STACK HCI



CONSOLIDATE



INNOVATE



MODERNIZE

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ONE COMPREHENSIVE SOLUTION

The software-defined technology in Windows Server 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 a pre-configured and validated Microsoft solution that meets your needs.

Microsoft Azure Stack HCI Solutions Features*	Converged Storage	Hyper-Converged Infrastructure
Compute <ul style="list-style-type: none"> Hyper-V 		•
Storage <ul style="list-style-type: none"> Storage Spaces Direct software-defined storage 	•	•
Network <ul style="list-style-type: none"> NIC teaming, SMB Direct (RDMA) Software-defined networking capabilities Switch Embedded Teaming 	•	• • •
Management <ul style="list-style-type: none"> Windows Admin Center System Center Operations Manager System Center Virtual Machine Manager 5nine Cloud Manager 	• •	• • • •
Security <ul style="list-style-type: none"> BitLocker Windows Defender, Credential Guard, Device Guard, Shielded Virtual Machines 	•	• •
Cloud Integration <ul style="list-style-type: none"> Azure Backup, Azure Site Recovery, Cloud Witness, Azure Monitor 	•	•

FabricXpress All-NVMe Configuration Options

Software	Microsoft Windows Server 2019 Datacenter Edition	
Processors Options	Intel® XEON® E5-26xx V4 family	
Network Options	Up to 100GbE Networking	
Configurations Scaling	from 4 Node	to 16 Node
Memory	512GB to 4TB RAM	2TB to 16TB
Scalable NVMe Storage**	12.8TB to 920TB	51.2TB to 3.7PB
Form Factor***	6U	20U

* This is not a comprehensive list of features included in Microsoft Azure Stack HCI – contact us for a more exhaustive list

** Increased capacity supported as higher capacity SSDs become available

*** Rack Unit count includes switches required