

# 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



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571 333 2725

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

## FabricXpress All-NVMe Configuration Options

<b>Software</b>	Microsoft Windows Server 2019 Datacenter Edition	
<b>Processors Options</b>	Intel® XEON® Scalable Processor Gen 2 (Cascade Lake)	
<b>Network Options</b>	Up to 100GbE Networking	
<b>Configurations Scaling</b>	from <b>4 Node</b>	to <b>16 Node</b>
<b>Memory</b>	512GB to 8 TB RAM	2TB to 32TB
<b>Scalable NVMe Storage**</b>	12.8TB to 920TB	51.2TB to 3.7PB
<b>Form Factor***</b>	6U	24U

\* 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 does not include switches required