

# Windows Server Software-Defined



## NFINA ADVANTAGE

- Nfina's Windows Server Software-Defined solutions uses Microsoft-validated designs and follow engineering best practices for seamless deployment and a steady-state operational experience.
- Nfina gets you up and running without lengthy design and build time and offers a single point of contact for implementation and support services.
- Nfina earn Windows Server Software-Defined program certification by meeting Microsoft standards for:
  - o Quality
  - o Accelerated time to value
  - o Out-of-the-box optimization
  - o Expedited problem resolution
- Nfina's Windows Server Software-Defined solutions are available in 2 nodes and 4 nodes to support your specific requirements.

The fastest route to the benefits of a software-defined datacenter.

There's a lot to be gained in efficiency and simplicity by utilizing software-defined datacenter technology. But many IT organizations lack the time or staff to envision and implement new software-defined infrastructure.

Want the efficiency and simplicity of software-defined datacenter technology without having to design and implement it yourself? Validated software-defined datacenter solutions from preferred Microsoft partner Nfina can help you access these benefits faster.

Nfina offers Windows Server Software-Defined (WSSD) solutions that work with Window Server to deliver high-performance storage or hyper-converged infrastructure. Hyper-converged solutions bring together compute, storage, and networking on industry-standard servers and components, which means organizations can gain improved datacenter intelligence and control while avoiding the costs of specialized high-end hardware.

Windows Server Software-Defined Features	Software-Defined Storage	HCI Standard
<b>Security</b>		
Windows Defender, Credential Guard, Device Guard	●	●
<b>Compute</b>		
Hyper-V		●
<b>Network</b>		
NIC teaming, vSwitches, SMB Direct	●	●
<b>Storage</b>		
Storage Spaces Direct software- defined storage	●	●
<b>Management</b>		
Windows Admin Center	●	●
<b>Servers</b>		
x86 industry standard hardware	●	●

SERVERS

DATA STORAGE

PCs & WORKSTATIONS



# 8224R-i20-S2D



	Minimum Configuration	Maximum Configuration
Minimum Configuration	2 Nodes	4 Nodes
Product SKU	Nfina 8224R-i20-S2D	Nfina 8224R-i20-S2D
Windows® OS	Microsoft® Windows Server® 2016 Datacenter	Microsoft® Windows Server® 2016 Datacenter
Solution Type	Standard Hyper-Converged	Standard Hyper-Converged
Configuration Type	Performance	Performance
Form Factor (SMBIOS)	Rack Mount Chassis , 2U - 24x 2.5" Bays	Rack Mount Chassis , 2U - 24x 2.5" Bays
TPM 2.0	Yes	Yes
Processor	2x Intel® Xeon® Scalable Processors	2x Intel® Xeon® Scalable Processors
Processor Speed	Bronze 1.7GHz	Platinum 3.8GHz
Core Count	12 cores per processor	28 cores per processor
Memory	64GB per node	1.5TB per node
PCIe® Slots	6x PCIe® Gen3 x8	6x PCIe® Gen3 x8
iWARP NIC Adapters	2x Dual Port 1/10/25Gb SFP+ 2x 10GBaseT (On motherboard)	2x Dual Port 1/10/25Gb SFP+ 2x 10GBaseT (On motherboard)
Drives (per node)		
Cache		4x NVMe 1.5TB per (6TB total)
Capacity	4x NVMe 1TB per (4TB total)	20x NVMe 4TB per (80TB total)

## CONTACT NFINA ABOUT NFINA

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Nfina Technologies is a US based manufacturer of Data Storage, Servers, and Hyperconverged Clusters that combines current high performance technology with a market leading 5-year warranty and US based tech support. Nfina provides the best value and lowest TCO in the industry.

We supply products to IT departments with growing compute and storage requirements who need the latest technology in order to maximize their IT infrastructure spending dollars. Every Nfina customer receives personal attention from our staff, because our success is tied to your business.

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