

Specification Sheet



Dell Integrated System for Microsoft Azure Stack HCI

Dell - Microsoft certified and validated HCI Solution with end-to-end support

Dell Integrated System for Microsoft Azure Stack HCI delivers a fully productized, validated and supported hyperconverged (HCI) solution that enables organizations to modernize their infrastructure for improved application uptime and performance, simplified management and operations, and lower total cost of ownership. Azure Stack HCI combines the software-defined compute, storage and networking features of Microsoft Azure Stack HCI OS with AX nodes from Dell to offer the high performance, scalable and secure foundation needed for a software-defined infrastructure. Comprehensive management through Dell OpenManage Integration with Windows Admin Center, rapid time to value with Dell ProDeploy options, and solution-level Dell ProSupport complete this modern portfolio.

Azure Stack HCI OS subscription available through Dell Cloud Solution Provider (CSP) program

New and existing customers can purchase their Azure subscription from Dell (or transfer to Dell) to activate their Azure Stack HCI OS. Additional Azure services will be supported in the future.

Key Features of Azure Stack HCI:

- · AX nodes from Dell offer:
 - Flexible configurations for varying application performance, capacity or location needs
 - Cluster scalability from 2 to 16 nodes
 - Single-node clusters for remote, edge or branch projects, very sensitive to costs and that may tolerate the resiliency of a single server
 - Pre-configured and optimized features such as caching and storage tiering

"Dell did the work to build their nodes to have the maximum amount of power and storage in a 2U device that conforms and is on catalog for Storage Spaces Direct. It was really an easy design to put forward and to consolidate our existing Hyper-V virtual machines on to."

Lee Harrison Microsoft Solutions Architect, Fasthosts

- Hardware innovations such as RDMA networking and high-performance SSD and NVMe drives
- Azure Stack HCI OS delivers new improved feature set including data deduplication, increased scalability, mirror accelerated parity and cluster sets.
- Dell OpenManage Integration with Microsoft Windows Admin Center (OMIMSWAC) simplifies management, configuration and monitoring.
- Dell Networking 10/25/100GbE switches are fully qualified to enable a complete hyperconverged infrastructure solution.
- Dell ProDeploy and Dell ProSupport services deliver professional onsite deployment and one contact technical support.

AX-750					
Storage Configuration	All Flash (All-SSD)	All Flash (All-NVMe)	Hybrid (SSD + HDD)	Hybrid (NVMe + HDD)	
Chassis Configurations	24 x 2.5" front bay drives	24 x 2.5" front bay drives (switched)	12 x 3.5" drives	16 drives:12 x 3.5" HDD + 4 x 2.5" NVMe (rear)	
Processors	Dual socke	et Intel Xeon Scalable, Ice Lake	EP Processors (Silver/Gold/Plat	tinum options)	
Memory		128 GB to	4 TB DDR4		
Storage controller	Internal HBA 355i 12Gbps SAS HBA Controller (NON-RAID)	None	Internal HBA 355i (FH) 12Gbps SAS HBA Controller (NON-RAID)	Internal HBA 355i (LP) 12Gb SAS HBA Controller (NON-RA	
Internal Boot Storage		BOSS S2 with Dual M.2	240 GB or 480 GB (RAID 1)		
Storage for Cache Min/Max RI = Read Intensive MU = Mixed Use WI = Write Intensive	-	-	Min: 2 x 800 GB = 1.6 TB (SAS MU) Max: 4 x 3.84TB = 15.36 TB (SAS/vSAS MU)	Min: 2 x 1.6TB = 3.2 TB Max: 4 x 6.4TB = 25.6 TI (NVMe MU)	
Storage for Capacity Min/Max RI = Read Intensive MU = Mixed Use WI = Write Intensive	Min: 4 x 800GB = 3.2 TB Max: 24 x 7.68TB = 184 TB - Options for SAS/vSAS - RI devices at >1.92 TB - MU => 800 GB	Min: 4 x 1.6 TB = 6.4 TB Max: 24 x 15.36 = 368 TB - RI devices at >1.92 TB - MU => 800 GB	Min: 4 x 2 TB = 8 TB Max: 8 x 20 TB = 160 TB -4 or 8 x 2/4/8/12/16/20 TB SAS/NLSAS 3.5" HDD	Min: 4 x 2 TB = 8 TB Max: 12 x 20 TB = 240 TB - Up to 12 x 2/4/8/12/16/20 TI SAS/NLSAS 3.5" HDD	
Min/Max Raw Storage	- WI capacity at 800 GB 3.2 to 184 TB	6.4 to 368 TB	8 to 160 TB	8 to 240 TB	
Network cards	 Intel: E810-XXV Dual Port 10/25GbE SFP28, E810-CQDA2 Dual Port 100GbE QSFP (RDMA: iWARP, RoCE) Mellanox: ConnectX-5 Dual Port 10/25GbE SFP28, ConnectX-6 DX Dual Port 100GbE QSFP56 (RDMA, RoCE) OCP NIC 3.0 Card (optional) Intel: X710 Dual Port 10GbE SFP+, X710 Quad Port 10GbE SFP+, X710-T4L Quad Port 10GbE BASE-T, X710-T2 Dual Port 10GbE BASE-T (Non-Storage Capable) Mellanox ConnectX-6 Lx Dual Port 10/25GbE SFP28 (Non-Storage Capable) Broadcom: 57414 Dual Port 10/25GbE SFP28, 57504 Quad Port 10/25GbE SFP28, 57416 Dual Port 10GbE BASE 57412 Dual Port 10GbE SFP+ (Non-Storage Capable) Integrated LOM: 2 x 1 GbE Base-T Broadcom 				
GPU DW = Double Wide SW = Single Wide	GPU capable: up to 2 x DW GPU or 2 x SW GPU - NVIDIA Ampere A30 DW, PCIe, 165W, 24GB Passive - NVIDIA Ampere A2 SW, PCIe, 60W, 16GB Passive - NVIDIA Ampere A16 DW, PCIe, 250W, 64GB Passive - NVIDIA Ampere A40 DW, PCIe, 300W, 48GB Passive - NVIDIA Tesla T4 SW, PCIe, 70W, 16GB, Passive - NVIDIA Ampere A10 SW, PCIe, 150W, 24GB Passive - NVIDIA Ampere L4 SW, PCIe, 72W, 24GB Passive (APOS)				
HCI Software	Microsoft Azure Stack HCI, Microsoft Windows Admin (version 22H2 (factory preinstal Center (WAC)	led)		
Out of Band Management	Integrated Dell Remote Acc IPMI 2.0 compliant Quick Sync2 (Optional)	cess Controller (iDRAC) 9 Enter	prise or Datacenter		
Integrations		on with Windows Admin Center			
Services		and automated case creation sure Stack HCI	Plus with add-on for Azure Stack upported with Secure Connect G		
Security	Trusted Platform Module 2.	0 v3			
Power Supplies	Dual, Hot-plug, Redundant	Power Supply (1+1), 1100/1400	0/2400 W		
	· -				

AX-650					
Storage Configuration	All Flash (All-SSD)	All Flash (All-NVMe)	Hybrid (SSD + HDD)		
Chassis Configurations	10 x 2.5" SAS Chassis Up to 10 SSD front drives (SAS/vSAS)	10 x 2.5" NVMe Chassis Up to 10 NVMe front drives	10 x 2.5" SAS Chassis Up to 10 SAS front drives		
Processors	Dual socket Intel Xeo	n Scalable, Ice Lake EP Processors (Silve	er/Gold/Platinum options)		
Memory		128 GB to 4 TB DDR4			
Storage controller	Internal HBA 355i 12Gbps SAS HBA Controller (NON-RAID)	None	Internal HBA 355i 12Gbps SAS HBA Controller (NON-RAID)		
Internal Boot Storage	BOS	SS S2 with Dual M.2 240 GB or 480 GB (F	RAID 1)		
Storage for Cache Min/Max RI = Read Intensive MU = Mixed Use WI = Write Intensive			Minimum: 1.6 TB 2 x 800 GB MU SAS Maximum: 7.68 TB 2 x 3.84TB MU SAS/vSAS		
Storage for Capacity Min/max RI = Read Intensive	Minimum: 4 x 800GB = 3.2 TB Maximum: 10 x 7.68TB = 76.8 TB Options for SAS/vSAS devices	Minimum: 4 x 1.6TB = 6.4 TB Maximum: 10 x 15.36TB = 153.6 TB - RI devices at >1.92 TB	Minimum: 4 x 2.4 TB = 9.6 TB Maximum: 8 x 2.4 TB = 19.2 TB		
MU = Mixed Use WI = Write Intensive	RI devices at >1.92 TBMU => 800 GB	- MU => 800 GB	- 4/6/8 x 2.4 TB SAS 10K 2.5" HDDs		
Min/Max Raw Storage	3.2 to 76.8 TB	6.4 to 153.6 TB	9.6 to 19.2 TB		
Network cards	 Add-in-Card (required): 1-3 Intel: E810-XXV Dual Port 10/25GbE SFP28, E810-CQDA2 Dual Port 100GbE QSFP (RDMA: iWARP, RoCE) Mellanox: ConnectX-5 Dual Port 10/25GbE SFP28, ConnectX-6 DX Dual Port 100GbE QSFP56 (RDMA, RoCE) OCP NIC 3.0 Card (optional) Intel: X710 Dual Port 10GbE SFP+, X710 Quad Port 10GbE SFP+, X710-T4L Quad Port 10GbE BASE-T, X710-T2L Dual Port 10GbE BASE-T (Non-Storage Capable) Mellanox ConnectX-6 Lx Dual Port 10/25GbE SFP28 (Non-Storage Capable) Broadcom: 57414 Dual Port 10/25GbE SFP28, 57504 Quad Port 10/25GbE SFP28, 57416 Dual Port 10GbE BASE-T, 57412 Dual Port 10GbE SFP+ (Non-Storage Capable) Integrated LOM: 2 x 1 GbE Base-T Broadcom 				
GPU DW = Double Wide SW = Single Wide	GPU capable: up to 2 x SW GPU - NVIDIA Ampere A2 SW, PCIe, 60W, 16GB Passive - NVIDIA Ampere L4 SW, PCIe, 72W, 24GB Passive (APOS)				
HCI Software	Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Microsoft Windows Admin Center (WAC)				
Out of Band Management	Integrated Dell Remote Access Controller (iDRAC) 9 Enterprise or Datacenter IPMI 2.0 compliant Quick Sync2 (Optional)				
Integrations	Dell OpenManage Integration with Wind	dows Admin Center			
Services		eploy, ProDeploy Plus with add-on for Az ed case creation supported with Secure (Cl			
Security	Trusted Platform Module 2.0 v3				
Power Supplies	Dual, Hot-plug, Redundant Power Supp	bly (1+1), 1100/1400 W			
Form Factor	1U Rack				

AX-7525					
Storage Configuration	All Flash (All-NVMe)	All Flash (NVMe + SSD)			
Chassis Configurations	24 x 2.5" front bay drives 16 x 2.5" front bay drives	24 x 2.5" front bay drives			
Processors	Dual socket, 2nd / 3rd Gen AMD EPYC (Rome/Milan) Processor				
Memory	128 GB to 2 TB				
Storage controller	-	Internal HBA 355i			
Internal Boot Storage	BOSS S1 with dual M.2 240GB or 480GB (RAID 1)	BOSS S2 with Dual M.2 240 or 480 GB (RAID 1)			
Storage for Cache RI = Read Intensive MU = Mixed Use WI = Write Intensive	-	2, 3, 4 or 8 x PCIe Gen 4 NVMe drives 1.6/3.2/6.4 TB (MU)			
Storage for Capacity	4 – 24 x PCIe Gen 4 NVMe drives: 1.6/3.2/6.4 TB (MU) 3.84/7.68/15.36 TB (RI)	4 – 16 x SAS/vSAS/SATA SSDs: 960/1.92/3.84/7.68 TB SAS/vSAS/SATA (RI) 800/1600/3200 SAS (MU) 960/1.92/3.84 TB vSAS/SATA (MU)			
Min/Max Raw Storage	6.4 to 368.64 TB	3.2 to 122.88 TB			
Network cards	 Intel: E810-XXV Dual Port 10/25GbE SFP28, E810-CQDA2 Dual Port 100GbE QSFP (RDMA: iWARP, RoCE) Mellanox: ConnectX-5 Dual Port 10/25GbE SFP28, ConnectX-6 DX Dual Port 100GbE QSFP56 (RDMA, RoCE) OCP NIC 3.0 Card (optional) Intel: X710 Dual Port 10GbE SFP+, X710 Quad Port 10GbE SFP+ (Non-Storage Capable) Mellanox ConnectX-6 Lx Dual Port 10/25GbE SFP28 (Non-Storage Capable) Broadcom: 57414 Dual Port 10/25GbE SFP28, 57416 Dual Port 10GbE BASE-T (Non-Storage Capable) Integrated LOM: On-Board Broadcom 5720 Dual Port 1Gb LOM 				
GPU DW = Double Wide SW = Single Wide	GPU capable: up to 3 x DW GPU or 3 x SW GPU (No GPU support for All-NVMe 24 drive configurations) - NVIDIA Ampere A30 DW, PCIe, 165W, 24GB Passive - NVIDIA Ampere A2 SW, PCIe, 60W, 16GB Passive - NVIDIA Ampere A16 DW, PCIe, 250W, 64GB Passive - NVIDIA Ampere A40 DW, PCIe, 300W, 48GB Passive - NVIDIA Tesla T4 SW, PCIe, 70W, 16GB, Passive - NVIDIA Ampere A10 SW, PCIe, 150W, 24GB Passive - NVIDIA Ampere L4 SW, PCIe, 72W, 24GB Passive				
HCI Software	Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Microsoft Windows Admin Center (WAC)				
Out of Band Management	Integrated Dell Remote Access Controller (iDRAC) 9 Enterprise or Datacenter IPMI 2.0 compliant Quick Sync2 (Optional)				
Integrations	Dell OpenManage Integration with Windows Admin Center	•			
Services Security	ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Trusted Platform Module 2.0 v3				
Power Supplies	Dual, Hot-plug, Redundant Power Supply (1+1), 1100 W Dual, Hot-plug, Redundant Power Supply (1+1), 1400 W Dual, Hot-plug, Redundant Power Supply (1+1), 2400 W				
Form Factor	2U Rack				

AX-6515 (End of Life)				
Storage Configuration	All Flash (All-SSD)			
Chassis Configurations	8 x 2.5" front bay drives			
Processors	Single socket, 2nd / 3rd Gen AMD EPYC (Rome/Milan) Processor			
Memory	64 GB to 1 TB			
Storage controller	Internal HBA330 12Gbps SAS HBA Controller (NON-RAID)			
Internal Boot Storage	BOSS with dual M.2 240GB or 480GB (RAID 1)			
Storage for Cache MU = Mixed Use WI = Write Intensive	-			
Storage for Capacity	4 to 8 x up to 7.68 TB SAS/ vSAS/ SATA SSDs			
Min/Max Raw Storage	3.2 to 61.44 TB			
Network cards	 Integrated LOM:			
HCI Software	Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Microsoft Windows Admin Center (WAC)			
Out of Band Management	Integrated Dell Remote Access Controller (iDRAC) 9 Enterprise or Datacenter IPMI 2.0 compliant Quick Sync2 (Optional)			
Integrations	Dell OpenManage Integration with Windows Admin Center			
Services	ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM)			
Security	Trusted Platform Module 2.0			
Power Supplies	Dual, Hot-plug, Redundant Power Supply (1+1), 550W Dual, Hot-plug, Redundant Power Supply (1+1), 750W			
Form Factor	1U Rack			

Configuration (SED + HDD) (NVMe + SDD) (AIL-SSD) (AIL-SSD)	AX-740xd (E							
18 x 3.5' drives 12 x 3.5' front 24 x 2.5' front 25 x 3.5'	Storage Configuration			Hybrid				
Chassis 12 x 3.5" front bay 2 x 3.5" front 24 x 2.5" front	Comiguration		HDD)	(NVMe + HDD)	(NVMe + SSD)	(All-NVMe)	(All-SSD)	
Storage Controller Storage Internal BBA330 12Gbps SAS HBA Controller (NON-RAID)	Chassis Configurations	12 x 3.5" front bay 4 x 3.5" mid bay				bay drives with up to 12 x NVMe		
Storage for Capacity	Processors	Dual Inte	el Xeon Scalable Prod	cessors, Cascade Lake	/Skylake (CL/CL-R), Se	elect Silver/Gold/Platin	um options	
Internal Bot Storage	Memory			96 GB	3 to 1.5 TB			
Storage for Cache MU = Mixed Use Up to 6 x 800 GB to 3.84 TB SAS to 3.84 TB SAS (WIMU) / SATA (MU) SSDs	Storage controller		Inter	nal HBA330 12Gbps S	AS HBA Controller (NO	N-RAID)		
Storage for Cache Mill - Mixed by SATA MW MU SATA MU MU MU MU MU MU MU M	Internal Boot Storage			BOSS with dual M.2 24	OGB or 480GB (RAID 1)		
Storage for		to 3.84 TB SAS (WI/MU) / SATA	to 3.84 TB SAS (WI/ MU) / SATA	to 6400 GB PCIe	6400 GB PCle	-	-	
Storage 24 to 192 TB 8 to 128 TB 8 to 48 TB 3.84 to 153.6 TB 6.4 to 184.32 TB 3.2 to 184.32 T Add-in-cards *QLogic QL41262 (Dual Port 25GbE) *[4x on selected models] or Mellanox ConnectX-4 LX (Dual Port 100GbE) *[On selected models] Network daughter card (NDC) Dual Port Intel X710 (10 GbE) + Dual Port Intel i350 (1 GbE) or Dual Port Broadcom 5742 (1 GbE) or QLogic FastLinQ 41162 Dual Port 100GbE BASE-T & Dual Port 1GbE BASE-T HCI Software Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Microsoft Windows Admin Center (WAC) Integrated Dell Remote Access Controller (iDRAC) 9 Enterprise or Datacenter IPMI 2.0 compliant Quick Sync2 (Optional) Integrations Dell OpenManage Integration with Windows Admin Center ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	Storage for Capacity	2/4/8/12/16 TB NL-SAS/ SATA	2/4/8/12/16 TB NL-SAS/ SATA	SATA or 2.4 TB	to 7.68 TB SAS/vSAS/SATA	15.35 TB	(WI or MU highly	
*QLogic QL41262 (Dual Port 25GbE) *[4x on selected models] or Mellanox ConnectX-4 LX (Dual Port 25GbE) or Mellanox ConnectX-5 (Dual Port 100GbE) *[On selected models] Network daughter card (NDC) Dual Port Intel X710 (10 GbE) + Dual Port Intel i350 (1 GbE) or QLogic FastLing 41162 Dual Port 106bE BASE-T & Dual Port 1 GbE BASE-T HCI Software Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Microsoft Windows Admin Center (WAC) Out of Band Management Quick Sync2 (Optional) Integrations Dell OpenManage Integration with Windows Admin Center ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 2000W	Min/Max Raw Storage	24 to 192 TB	8 to 128 TB	8 to 48 TB	3.84 to 153.6 TB	6.4 to184.32 TB	3.2 to 184.32 Ti	
Dual Port Intel X710 (10 GbE) + Dual Port Intel i350 (1 GbE) or Dual Port Broadcom 57412 (10 GbE) + Dual Port Broadcom 5720 (1 GbE) or QLogic FastLinQ 41162 Dual Port 10GbE BASE-T & Dual Port 1GbE BASE-T HCI Software Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Microsoft Windows Admin Center (WAC) Integrated Dell Remote Access Controller (iDRAC) 9 Enterprise or Datacenter IPMI 2.0 compliant Quick Sync2 (Optional) Integrations Dell OpenManage Integration with Windows Admin Center ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	Network	*QLogic QL41262 (Dual Port 25GbE) *[4x on selected models] or Mellanox ConnectX-4 LX (Dual Port 25GbE) or *Mellanox ConnectX-5 (Dual Port 100GbE) *[On selected models]						
Microsoft Windows Admin Center (WAC) Out of Band Management		Dual Port Intel X710 (10 GbE) + Dual Port Intel i350 (1 GbE) or Dual Port Broadcom 57412 (10 GbE) + Dual Port Broadcom 5720 (1 GbE) or						
Out of Band Management IPMI 2.0 compliant Quick Sync2 (Optional) Integrations Dell OpenManage Integration with Windows Admin Center ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	HCI Software							
ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	Out of Band Management	IPMI 2.0 compliant						
Services Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM) Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	Integrations							
Security Trusted Platform Module 2.0 Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	Services	Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCl						
Power Supplies Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W Dual, Hot-plug, Redundant Power Supply (1+1), 2400W	Security							
	Power Supplies	Dual, Hot-plug, Redundant Power Supply (1+1), 1600W Dual, Hot-plug, Redundant Power Supply (1+1), 2000W						
	Form Factor	2U Rack	andant i owei ouppi	y (1 1 1 1 1 , 2 TOOVV				

Storage	Hybrid	Hybrid	All flash	All flash	All flash				
Configuration	(SSD + HDD)	(NVMe + HDD)	(NVMe + SSD)	(All-NVMe)	(All-SSD)				
Chassis 1 Configurations	10 or 12 x 2.5" bay drives (10 x front, 2 x rear) 10 x 2.5" front bay drives				10 or 12 x 2.5" bay drive (10 x front, 2 x rear)				
Processors	Dual socket Intel Xeon Scalable Processors, Cascade Lake (CL/CL-R), Select Silver/Gold/Platinum options								
Memory	96 GB to 1.5 TB								
Storage controller	Internal HBA330 12Gbps SAS HBA Controller (NON-RAID)								
Internal Boot Storage	BOSS with dual M.2 240GB or 480GB (RAID 1)								
Storage for Cache MU = Mixed Use WI = Write Intensive	10 drives: 2 x 800 GB (WI) SAS or 960 GB to 3.84 TB (MU) SAS/SATA SSDs 12 Drives: 2/3/4 x 800 GB to 3.84 TB SAS (WI/ MU)/ SATA (MU) SSDs	2 x 1.6/3.2/6.4 TB (MU) NVMe SSDs	2 x 1.6/3.2/6.4 TB (MU) NVMe SSDs	·	-				
Storage for Capacity RI= Read Intensive MU = Mixed Use WI = Write Intensive	10 drives: 4/6/8 x 2 TB SATA or 2.4 TB SAS 10K HDDs 12 drives: 4/8/9 x 2 TB SATA or 2.4 TB SAS 10K HDD	4/6/8 x 2 TB SATA or 2.4 TB SAS 10K HDD	4/6/8 x 800GB to 7.68 TB SAS/vSAS/ SATA SSD)	4/6/8/10 x 4 TB (RI) or 1.6/3.2/6.4 TB (MU) NVMe	10 drives: 4 to 10 x 800GB to 3.84TB SAS/SATA SSDs or 7.68TB vSAS 12 drives: 4 to 12 x 800GB to 3.84TB SAS/SATA SSDs or 7.68TB vSAS				
Min/Max Raw Storage	8 to 19.2 TB	8 to 19.2 TB	3.2 to 61.4 TB	6.4 to 64 TB	3.2 to 92.16 TB				
Network cards	Add-in-cards *Qlogic QL41262 (Dual Port 25 GbE) *[2 on select models] or Mellanox ConnectX-4 LX (Dual Port 25GbE) or *Mellanox ConnectX-5 (Dual Port 100GbE) *[On selected models]								
	Network daughter card (NDC) Dual Port Intel X710 (10 GbE) + Dual Port Intel i350 (1 GbE) or Dual Port Broadcom 57412 (10 GbE) + Dual Port Broadcom 5720 (1 GbE) or QLogic FastLinQ 41162 Dual Port 10GbE BASE-T & Dual Port 1GbE BASE-T								
HCI Software	Microsoft Azure Stack HCI, version 22H2 (factory preinstalled) Windows Admin Center (WAC)								
Out of Band Management	Integrated Dell Remote Access Controller (iDRAC) 9 Enterprise or Datacenter IPMI 2.0 compliant Quick Sync2 (Optional)								
Integrations	Dell OpenManage Integration with Windows Admin Center								
Services	ProSupport and ProSupport Plus, ProDeploy, ProDeploy Plus with add-on for Azure Stack HCI Call-routing, phone home, and automated case creation supported with Secure Connect Gateway 5.0 Consulting Services for Azure Stack HCI iDRAC Service Module (iSM)								
Security	Trusted Platform Module 2	2.0		Dual, Hot-plug, Redundant Power Supply (1+1), 1100W or 1100W - 48VDC only Dual, Hot-plug, Redundant Power Supply (1+1), 1600W					
Security Power Supplies		t Power Supply (1+1), 110		ly					





© 2024 Dell Inc. or its subsidiaries. All Rights Reserved. Dell and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.