

Cohesity C4000 Series Hyperconverged Nodes

Designed to consolidate all your secondary storage and data services.



The Cohesity C4000 hyperconverged nodes provide the ideal building block for Cohesity DataPlatform™. Each node provides compute, flash and HDD capacity to consolidate secondary storage and data services. Scale your capacity as needed, starting with as little as three nodes and scaling out linearly by simply adding individual nodes.

Key Benefits



Pay As You Grow

Convert your on-premises VMs to native cloud formats to support application mobility for test/dev.



Always On

The era of both planned and unplanned outages are over! Cohesity was designed with complete high-availability in mind. Cohesity DataPlatform is designed with a distributed architecture, ensuring that the system continues to be available even in the event of a complete node failure. Rolling software updates ensures continuous availability during planned maintenance activities.



Designed for Consolidation

Provide compute and storage performance to consolidate all your secondary data. Converge data protection, file services, object storage, test/dev and analytics data on one platform. Minimize data movement by bringing compute to the data. Support IO intensive operations with high throughput, low-latency PCI-e based flash storage.

Technical Specifications

	C4300		C4500		C4600	
	Per Node	Per Block (4 Nodes)	Per Node	Per Block (4 Nodes)	Per Node	Per Block (4 Nodes)
Hard disk capacity	12 TB	48 TB	24 TB	96 TB	36 TB	144 TB
PCI-e-Based Flash Storage	1.6 TB	6.4 TB	1.6TB	6.4 TB	1.6 TB	6.4 TB
Memory	64 GB	256 GB	64 GB	256 GB	128 GB	512 GB
CPU	2 x Intel Xeon 1.7GHz 8-Core CPUs	8 x Intel Xeon 1.7GHz 8-Core CPUs	2 x Intel Xeon 2.1 GHz 8-Core CPUs	8 x Intel Xeon 2.1 GHz 8-Core CPUs	2 x Intel Xeon 2.1 GHz 8-Core CPUs	8 x Intel Xeon 2.1 GHz 8-Core CPUs
On-Board Network Connectivity	4x 10 GbE 1x IPMI	16x 10 GbE 4x IPMI	4x 10 GbE 1x IPMI	16x 10 GbE 4x IPMI	4x 10 GbE 1x IPMI	16x 10 GbE 4x IPMI
Dimensions	-	2U EIA Rack Units 17.24" x 3.46" x 30.47" 43.8 x 8.8 x 77.4cm	-	2U EIA Rack Units 17.24" x 3.46" x 30.47" 43.8 x 8.8 x 77.4cm	-	2U EIA Rack Units 17.24" x 3.46" x 30.47" 43.8 x 8.8 x 77.4cm
Weight		60KG		60KG		60KG
Operating Environment	Cohesity DataPlatform					
Storage Protocol Support	NFSv3, SMB 2.1, SMB 3.0, S3 REST API					
Data Protection Integrations	VMware VADP, Oracle RMAN, Microsoft SQL, Windows, Linux, Pure Storage, NAS, Nutanix AHV, Microsoft Hyper-V, NetApp					
Data Resiliency	Erasure Coding and RF/2					
Cloud Archive	Google Nearline, Microsoft Azure, Amazon S3 & Glacier, any S3 and NFS compatible storage					
Encryption	AES256					
Power Supply	2x Redundant (1+1) PSU with PMBUS					
Voltage	2x2200W: AC Capability (90 ~264 VAC) 100 - 127V / 12 - 9.5A 200 - 220V / 10 - 9.5A 220 - 230V / 10 - 9.8A 230 - 240V / 10 - 9.8A					
Power Consumption	Average 700W (2388 BTU/Hr)/Peak 900W (3071 BTU/Hr)					
Frequency Required	47 Hz to 63 Hz					
Operating Temperature	0 ~ 35° C (32 ~ 95° F) / 5% to 95% @ 35° C (non-condensing)					
Non-Operating Temperature	- 40 ~ 60° C (-40 ~ 140° F) / 5% to 95% @ 60° C (non-condensing)					
Emissions and Immunity	FCC Part 15, ICES-003, CE, VCCI, RCM					
Safety	UL/cUL, CB					

Learn more at: Cohesity.com/Products/C4000

*All storage capacities listed are raw.