

Cohesity C4000 Series Hyperconverged Nodes

Designed to consolidate all your storage and data services.

The Cohesity C4000 hyperconverged nodes provide the ideal building block for Cohesity Helios™. Each node provides compute, flash and HDD capacity to consolidate 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 dev/test.



Designed for Consolidation

Provide compute and storage performance to consolidate all your data. Converge data protection, file services, object storage, dev/test 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.



Always On

The era of both planned and unplanned outages are over! Cohesity was designed with complete high-availability in mind. Cohesity Helios 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.

Model	C4300		C4500		C4600		C4700	
	Per Node	Per Block (4 Nodes)	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	48 TB	192 TB
PCI-e-Based Flash Storage	1.6 TB	6.4 TB	1.6 TB	6.4 TB	1.6 TB	6.4 TB	3.2 TB	12.8 TB
Memory	64 GB	256 GB	64 GB	256 GB	128 GB	512 GB	128 GB	512 GB
CPU	2 x Intel Xeon 1.9GHz 6-Core CPUs	8 x Intel Xeon 1.9GHz 6-Core CPUs	2 x Intel Xeon 2.1GHz 8-Core CPUs	8 x Intel Xeon 2.1GHz 8-Core CPUs	2 x Intel Xeon 2.1GHz 8-Core CPUs	8 x Intel Xeon 2.1GHz 8-Core CPUs	2 x Intel Xeon 2.1GHz 8-Core CPUs	8 x Intel Xeon 2.1GHz 8-Core CPUs

Model	C4300		C4500		C4600		C4700	
On-Board Network Connectivity	4 x 10 GbE 1 x IPMI	16 x 10 GbE 4 x IPMI	4 x 10 GbE 1 x IPMI	16 x 10 GbE 4 x IPMI	4 x 10 GbE 1 x IPMI	16 x 10 GbE 4 x IPMI	4 x 10 GbE 1 x IPMI	16 x 10 GbE 4 x 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	-	2U EIA Rack Units 17.24" x 3.46" x 30.47" 43.8 x 8.8 x 77.4cm
Weight		60KG		60KG		60KG		60KG

Specifications	
Operating Environment	Cohesity Helios
Storage Protocol Support	NFSv3, SMB 2.1, SMB 3.0, S3 REST API
Data Protection Integrations	Refer to Cohesity DataProtect datasheet for the latest
Data Resiliency	Erasur Coding and Replication Factor
Fault Tolerance	Disk, Node, Chassis, and Rack
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	2x2000W: 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

*All storage capacities listed are raw.

Learn more at Cohesity.com/products/C4000.



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