

Cohesity CX8000 Series High-density Converged Nodes

Data services centric workloads

Cohesity CX8000 Series is a hyperconverged all-flash storage appliance that supports between 23TB and 184TB per appliance. It is ideal for fast backup, dev and test (databases and VMs), heavy file and object workloads, and demanding app ecosystem requirements. CX8000 models augment the current C4000 and C6000 Series platforms with the performance to meet SLAs for data services centric workloads. CX8000 models accelerate performance for apps in the Cohesity Marketplace App Ecosystem. Cohesity Helios runs on all CX8000 Series models to deliver unlimited scalability, single UI, leading data reduction, software-based encryption, enterprise search, and powerful cybersecurity.



Key Benefits



Pay As You Grow

Add additional CX8000 storage appliances seamlessly. No downtime or forklift upgrades



Always On

The era of both planned and unplanned outages are over! Helios is a high-availability fully-distributed architecture for the enterprise. The system continues to be available even in the event of complete node failure. Rolling software updates ensure continuous availability during planned maintenance activities.



For Demanding Enterprise Workloads

All-flash provides the benefit of greater performance for Cohesity workloads while addressing requirements for diskless data centers. Demanding performance-related service-level agreements (SLAs) more easily satisfied with the CX8000 Series. The models are ideal when lower latency and/or higher throughput is required. Demanding high change rate backup environments can also benefit from the CX8000 Series.

Model	CX8205		CX8305		CX8405	
	Per Node	Per Block - 4 Nodes	Per Node	Per Block - 4 Nodes	Per Node	Per Block - 4 Nodes
Raw capacity	23.04	92.16TB	46.08	184.32TB	92.16TB	368.64TB
NVMe Capacity	3.84 TB		7.68 TB		15.36TB	
No. of Drives	6	24	6	24	6	24
Memory	256GB	1024GB	256GB	1024GB	256GB	1024GB
CPU	Dual socket Intel 6126, 12 core, 2.6Ghz					
Boot SSD	2x M.2 256GB	8x M.2 256GB	2x M.2 256GB	8x M.2 256GB	2x M.2 256GB	8x M.2 256GB
On-board network connectivity	2x25Gb or 2x40Gb or 4x10Gb					
Dimensions (WxHxD)	17.56 x 3.39 x 29.53 inches 446 x 86.1 x 787.4 mm					
Weight	34.7KG					
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	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					
Voltage	2 x 2200W: AC Capability (200~240 VAC) 12.6A					
Power consumption	Average: 630W (2150 BTU/Hr) Peak: 2055W (7012 BTU/Hr)					
Frequency required	50 Hz to 60 Hz					
Operating temperature	5° ~ 35° C (41° ~ 95° F)					
Non-operating temperature	- 40° ~ 70° C (-40° ~ 158° F)					
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/certified-platforms](https://cohesity.com/products/certified-platforms).

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