Cohesity C6000 Series High-density Converged Nodes

Replication target and file archive

Cohesity C6000 Series is a dense hybrid, converged data management appliance that supports up to 192TB capacity per node. It is ideal for data protection, backup target, and file and objects use cases. The C6000 augments the current C4000 Series platform with extended capacity and optimization for file and object deployments at scale. Cohesity Helios runs on all C6000 Series models to deliver unlimited scalability, a single UI, leading deduplication, software-based encryption, enterprise search, and powerful cybersecurity.

Key Benefits

Pay As You Grow

Add additional C6000 storage appliances seamlessly. No downtime or forklift upgrades.

Always On

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

Designed for Consolidation

Provides compute and storage capacity to consolidate. Converge data protection, file services, object storage, dev/test and analytics data on a single platform. Minimize data movement and bring compute to the data. Hybrid design supports IO intensive operation with high throughput and low-latency PCI-e-based flash storage.

Model	C6025	C6035	C6045	C6055
Hard Disk Capacity	96 TB	144 TB	168 TB	192TB
PCI-e-based Flash Storage	6.4 TB	6.4 TB	6.4 TB	6.4 TB
Memory	128 GB	128 GB	128 GB	128 GB
CPU	2 x Intel Xeon 2.3GHz 12-Core CPUs	2 x Intel Xeon 2.3GHz 12-Core CPUs	2 x Intel Xeon 2.3GHz 12-Core CPUs	2 x Intel Xeon 2.3GHz 12-Core CPUs
On-Board Network Connectivity	4 x 10Gb or 2 x 25Gb or 2 x 40Gb and 1 x IPMI	4 x 10Gb or 2 x 25Gb or 2 x 40Gb and 1 x IPMI	4 x 10Gb or 2 x 25Gb or 2 x 40Gb and 1 x IPMI	4 x 10Gb or 2 x 25Gb or 2 x 40Gb and 1 x IPMI
Dimensions	WxHxD (Inch): 17.6 x 1.7 x 36 WxHxD (mm): 448 x 43.2 x 915			
Weight	70lbs/30KG			
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 with PMBUS			
Voltage	2x700W: AC Capability (90~264VAC)			
Power Consumption	Average 605W (2064 BTU/hr) / Peak 650W (2320 BTU/hr)			
Frequency Required	50/60Hz			
Operating Temperature	5°C to 35°C (41°F to 95°C)			
Non-Operating Temperature	5°C to 35°C (41°F to 95°C)			
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/C6000.

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