

Cohesity C5000 Series Hyperconverged Nodes

Designed to consolidate all your storage and data services.



The Cohesity C5000 hyperconverged nodes provide the ideal building block for Cohesity Helios™. Each node provides compute, flash and secure 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.

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.

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.

Future Proof and Secure

Leverage the latest network connectivity today, and expand to 40/100G down the road. Establish a chain of trust with the onboard Trusted Platform Module (TPM), available on all models.

Model	C5016		C5026		C5036		C5066	
	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	54 TB	216 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	128 GB	512 GB	128 GB	512 GB	128 GB	512 GB
CPU	1 x Intel Xeon (2.1 GHz, 12 Core)	4 x Intel Xeon (2.1 GHz, 12 Core)	1 x Intel Xeon (2.4 GHz, 16 Core)	4 x Intel Xeon (2.4 GHz, 16 Core)	1 x Intel Xeon (2.4 GHz, 16 Core)	4 x Intel Xeon (2.4 GHz, 16 Core)	1 x Intel Xeon (2.4 GHz, 16 Core)	4 x Intel Xeon (2.4 GHz, 16 Core)

Specifications	
On-Board Network Connectivity	10Gb or 25Gb or 40Gb or 100Gb or 16/32G FC* *Note: C5016 only supports 10Gb or 25Gb
Dimensions	2U EIA Rack Units (17.24 x 3.5 x 31.88 in) / (43.8 x 8.75 x 81 cm)
Weight	110 lbs / 50 Kg
Operating Environment	Cohesity Helios multicloud data platform
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
Security	Trusted Platform Module
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) 2000W PSUs, Titanium Efficiency
Input Voltage Range	100 – 240 VAC / 50-60Hz
	100 – 127 V / 12 – 9.5 A*
	200 – 220 V / 10 – 9.5 A
	220 – 230 V / 10 – 9.8 A
	230 – 240 V / 10 – 9.8 A
	*Note: Can only operate two nodes per block at 100-127V.
Power Consumption	Average 895W (3054 BTU/hr) Peak 1690W (5767 BTU/hr)
Operating Temperature	5°C to 35°C (41°F to 95°F)
Non-Operating Temperature	-40°C to 60°C (-40°F to 140°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/C5000](https://cohesity.com/products/C5000).

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