COHESITY | SUPERMICRO

Unlock cyber resilience with Cohesity + Supermicro

Experience scalable, high-performance security and data management with a robust platform for today's threats and tomorrows.

Key Benefits

Increased data resilience

- Improve RPO
- Instant mass recovery
- Comprehensive database recovery
- Data immutability

Lower TCO

- True scale-out architecture
- Global deduplication and compression
- Zero-cost clones

Protect enterprise data at scale

- Centralized control plane
- Multi-layered architecture
- Extensible 3rd party integrations

In today's digital landscape, data is an invaluable asset making its protection against cyber threats, breaches, and loss essential. The challenges presented of outdated infrastructure and legacy systems can result in inefficiencies and slow data recovery. Additionally, the absence of innovative platforms increases risks and complexities that compromise performance. As cyber threats grow more sophisticated, organizations need effective solutions that facilitate easy data access while providing robust protection for critical workloads. Without proper data protection measures, businesses face significant vulnerabilities, potentially leading to financial losses and lasting damage to their reputations.

The Cohesity + Supermicro difference

Reduce the IT burden for infrastructure management and protect your most critical assets from failures, disasters, and evolving cyber threats. You need a solution that can simplify and consolidate your data security and management across your entire data estate on-premises and in the cloud. Organizations that modernize their data protection and management with the Cohesity Data Cloud often achieve superior outcomes in five key areas:

- **Speed** - The Cohesity Data Cloud enables you to meet your predefined backup SLAs consistently. But before starting a recovery, you must identify the resources you want to recover. Use the Cohesity Data Cloud's powerful global search to find any virtual machine (VM), file, or object across all your data sources and locations. Results appear in seconds, so you can initiate recovery immediately.

- **Security** - Data backed up by the Cohesity Data Cloud will never change from its saved state. Our underlying file system provides immutable backup snapshots to prevent modification or deletion of data. The backup snapshots are stored in a read-only state. No external application or unauthorized user can modify the snapshot.

- **Scale** – Get an end-to-end backup and recovery solution that offers unlimited scale for your enterprise data across on-prem, cloud, and edge workloads. Organizations can take many snapshots with uncapped retention policies, and leverage the Cohesity snapshots with fast, parallel data ingestion so you can protect applications as often as desired.

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Figure 1: Simplified end-to-end data management with Cohesity software on certified Supermicro Hyper Superservers

- **Simplicity** – Reduce administrative complexity across consumption models (self-managed and Cohesity-managed BaaS), for a broad set of workloads (across data centers, in the cloud, and at the edge). Organizations can simplify operations with advanced capabilities and a unified view of workloads across data. Cohesity supports key use cases such as backup, ransomware detection, and recovery.

- **Smarts** - Gain business and operational insights from your data with advanced AI capabilities. The Cohesity Data Cloud ingests telemetry from your deployment to continually optimize the efficiency of data storage, accelerate the detection of potential anomalies, and assess the impact of potential data breaches.

Zero Trust architecture

The platform is built on the never trust, always verify rule. The Cohesity Data Cloud focuses on validating the authenticity and authorization of users for any access or changes to the platform, including MFA, RBAC, Quorum, auditing, and continuous monitoring.

In addition, when you combine the capabilities of the Cohesity Data Cloud with a certified platform like Supermicro's Hyper Superservers you get a powerful and comprehensive experience that enables the outcomes of speed, security, scale, simplicity, and

smarts to achieve your cyber resilience goals. Supermicro's high-performance servers with HDD or SSD support new AI workloads and are optimized for scalability and reliability, providing the robust infrastructure necessary to support intensive data processing and storage needs required by the modern enterprise. This enhances operational efficiency and accelerates data access and analytics, empowering your organization to make informed decisions swiftly.

Supermicro Hyper Superservers Certified for Cohesity Software

The right solution for all your business needs validated and certified Supermicro servers are optimized to run the Cohesity Data Cloud. Ready for deployment on-prem and in hybrid or multiclouds, the integrated solution from two industry leaders enables customers to take their most valuable digital asset—data—and efficiently manage, protect, and gain insights from it.

Figure 2: Cohesity Certified Supermicro Hyper Superservers (SYS-621H-TN12R)
Available in 96TB I 144TB I 192TB

Learn more at [Cohesity](#)

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