



SOLUTION BRIEF

# SUPERMICRO & VEEAM BACKUP AND REPLICATION SOLUTIONS

## SUPERMICRO SUPERSTORAGE

### The Data Revolution

In the 21<sup>st</sup> century a company’s data is one of the most valuable assets it possesses, whether it be on-site, hybrid, private or public cloud. Today, data requires continuous uptime and 24x7 access on a global scale. The Digital Transformation has brought new challenges to the modern data center, where organizations of today are looking to reduce costs and enhance the user experience while developing the right strategy for consistent data availability. In today’s complex technology landscape, having a streamlined storage solution is the key to unlocking complexity and at the same time increasing efficiency.

As an organization’s dependency on data growth increases having the right solutions simplifies IT, reduces risk, and lowers the TCO while enhancing availability for applicants and enterprise data.

Storage automation management increases productivity across cloud and IT environments, allowing increased scaling while maintaining a high level of application availability. Companies without a cohesive data management strategy expose themselves to a higher risk of failure, whereas when a catastrophic data loss scenario hits, half of all businesses affected end up closing within a 2-year time frame.

### Supermicro the Power of Green

Supermicro’s High-Performance Storage Server Solutions include everything required to build a rock-solid storage infrastructure. Individual models are designed to meet the demands of the toughest storage environments, from latency-sensitive caching applications to large capacity data environments requiring large files for media-driven libraries and Big Data. Supermicro’s SuperStorage products support both scale-up and scale-out deployment strategies that maximize CPU and storage resources to scale and meet your organization’s diverse storage and application requirements. As an organization’s dependency on data growth increases, having the right solutions simplifies IT, reduces risk, lowers the TCO, and enhances availability for applications and enterprise data.

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### Boost Performance



All-Flash NVMe  
Highest Performing

### High Density



Top Loading Storage  
Density Maximized

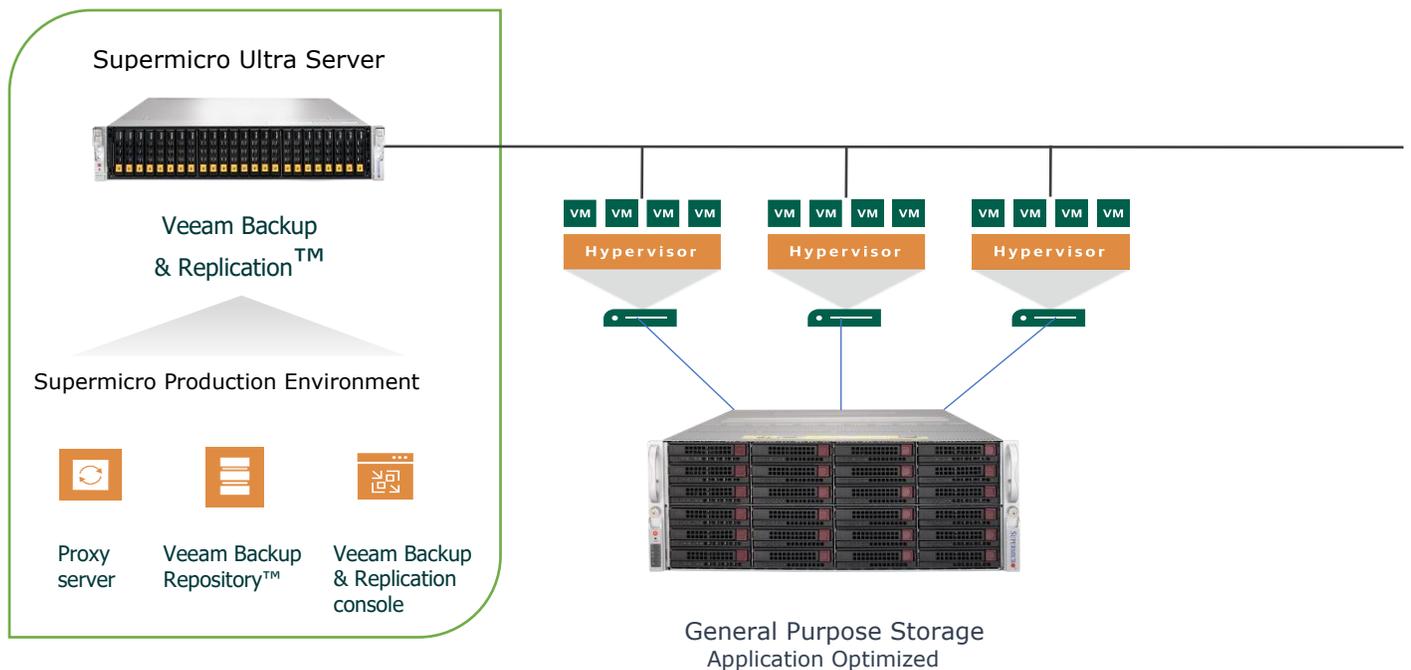
### Optimized



General Purpose Storage  
Application Optimized

## Solution Overview

A Supermicro and Veeam-partnered solution provides organizations with both availability and data integrity to manage data growth while delivering High Availability across virtual, physical and cloud workloads while addressing your organization's recovery time objectives (RTOs) and recovery point objectives (RPOs). The Supermicro SuperStorage and Veeam® Backup & Replication™ series delivers high performance storage backup and recovery for your organization's critical applications and data, ensuring you maintain the highest level of availability to meet your application and service level objectives.



## Supermicro SuperStorage with Veeam Hyper-V

Having the right backup strategy and infrastructure is paramount in today's data-driven IT and cloud environments. Supermicro SuperStorage is designed to meet the demands to support both scale up and scale out deployments and the SuperStorage systems are application optimized while delivering reliability and serviceability on a highly available storage platform for all your general-purpose computing requirements. Veeam's backup and replication, and storage management delivers availability for your virtualized configurations when paired with Supermicro SuperStorage, application optimized high-performance storage solutions for cloud, virtual and physical workloads.

Veeam delivers availability, simplicity and scale:

- High-speed reliable backup — Speed-driven backups
- Multi-VM Instant Recovery – Downtime reduced for restore of individual disks for large VM's
- Verified Recoverability – Verifiable recovery for all your VM's while backup is in progress
- IT monitoring and Reporting – Tools to power your infrastructure for monitoring, reporting and resolutions

Veeam Backup & Replication is targeted at addressing an organization's day-to-day operational challenges while providing a comprehensive set of enterprise grade data protection capabilities. Matched with SuperMicro SuperStorage solutions, Veeam delivers end-to-end data protection for data centers, branch and remote office locations. Fast, efficient and verified backups with Veeam flexible recovery capabilities make it the right choice to simplify IT, minimize data and avoid costly downtime.

## Conclusion

Supermicro is a leading class provider of high performance, high density and high capacity SuperStorage servers. SuperStorage configurations provide maximum capacity and performance which is ideal for the Enterprise, Data Center and Cloud Computing environments. Coupled with Veeam software-defined best-in class solutions offering flexible, reliable, fast backup and restore so that customers can focus on driving business objectives.