



## DEPLOY MASSIVELY SCALABLE SOFTWARE-DEFINED STORAGE

The Supermicro® Solution for Red Hat® Ceph® Storage

## **SUPERMICRO**

As a global leader in high performance, high efficiency server technology and innovation, we develop and provide end-to-end green computing solutions to the data center, cloud computing, enterprise IT, big data, HPC, and embedded markets. Our Building Block Solutions® approach allows us to provide a broad range of SKUs, and enables us to build and deliver application-optimized solutions based upon your requirements.

## **RED HAT®**

Red Hat is the world's leading provider of open source enterprise IT solutions. We're here to help you address change with open principles so that you can navigate today's need for transformation, and prepare for the future. With engineers connected to open source communities, the freedom of our subscription model, and a broad portfolio of products that's constantly expanding, Red Hat is here to help you face your business challenges head-on.

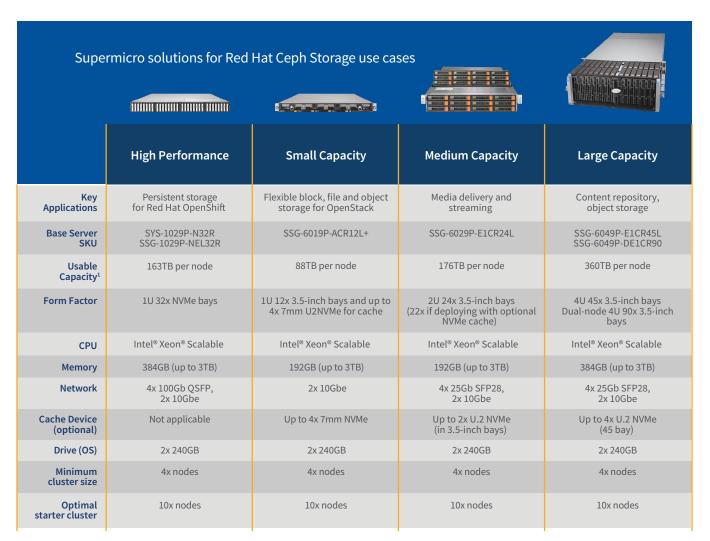
## **Exploit new opportunities from your data**

Data is a powerful differentiator. The ability to extract value from your data can make a critical difference. Whether building a data lake for analytics (AI/ML) workloads, serving digital media, or providing capacity for archive or backup, you need flexible software-defined storage solutions that can be deployed rapidly and scaled or changed on demand to meet business needs.

<u>Supermicro and Red Hat</u> have partnered to develop a best-in-class solution based on industry-leading SuperServers, SuperStorage, and Red Hat Ceph Storage to support a wide range of performance and capacity requirements. Red Hat Ceph Storage clusters can also serve Red Hat OpenShift® clusters through Red Hat OpenShift Container Storage external mode.

Supporting a full complement of object, block, and file access methods, Red Hat Ceph Storage provides a robust and compelling software-defined data storage solution that can support your data, no matter the format or origin. As a self-healing, self-managing platform with no single point of failure, Red Hat Ceph Storage significantly lowers the cost of storing enterprise data and helps companies manage exponential data growth in an automated fashion, offering:

- **Scalability** and data protection, with capacity that scales to store hundreds of petabytes and billions of objects, with default replication.
- **Simplicity**, with dramatically easier installation, operation, monitoring, and capacity management for greater flexibility and control.
- **Security**, with client-side object-level encryption and sophisticated authentication features.



 $<sup>1.\,</sup>Usable\,capacity\,based\,on\,12TB\,drive\,capacity\,and\,4+2EC\,data\,protection.\,Actual\,usable\,capacity\,may\,be\,different.$ 

Working together, Supermicro and Red Hat offer proven, validated solutions and reference architectures across multiple Red Hat software platforms, including Red Hat Ceph Storage. With these integrations, organizations can focus on their applications, knowing that careful engineering and testing has removed much of the time and risk and time required to deploy modern hybrid cloud infrastructure. The Supermcro Solution for Red Hat Ceph Storage also offers:

- Installation and system burn-in for rack and cluster configurations, turn-key shipment with customer-provided IP address ranges and node naming, and burn-in and erasure for secure site deployments.
- 24/7 Onsite service from next business day to four-hour break-fix response service level agreement (SLA), toll-free number and VIP website, Technical Account Manger as a single point of contact, and a local parts depot stocked to help ensure SLAs.

  For more information, contact your Supermicro sales representative

© 2020 Copyright Super Micro Computer, Inc. All rights reserved. Supermicro, the Supermicro logo, Building Block Solutions, We Keep IT Green, SuperServer, Twin, BigTwin, TwinPro, TwinPro<sup>2</sup>, SuperDoctor are trademarks and/or registered trademarks of Super Micro Computer, Inc. All other product names, logos, and brands are property of their respective owners.

14 Ceph-RedHat 2021-02 R01.3

<sup>\*</sup> Please check with your Supermicro sales representative and website for compatibility and configuration details. Actual product may vary in appearance due to product configuration.



