TEST DRIVE THE DATA CENTER OF THE FUTURE

Experience Supermicro's Rack Scale Design in Our RSD Solution Centers Today

Supermicro and Intel are working together to deliver dynamic, software-defined data centers based on the Intel® Rack Scale Design (Intel® RSD) architecture. Supermicro Rack Scale Design (Supermicro RSD) solutions address the challenges faced by cloud, telecommunications and enterprise data centers to efficiently scale operations while reducing TCO. We invite you to get hands on experience with Supermicro RSD in our new RSD Solution Centers today.

Supermicro RSD—Increased Efficiency, Agility and Interoperability

Supermicro RSD maximizes resource agility and efficiency by disaggregating compute, network and storage resources, allowing them to be dynamically configured under software control for specific workloads. Supermicro RSD increases data center flexibility and utilization, and enables multi-vendor management through open APIs that can integrate with cloud orchestrators, container services, or bare metal applications. All Supermicro RSD building blocks share power and cooling to provide the best PUE metrics in large scale data centers. The Supermicro RSD management software is built on DMTF's Redfish framework which provides RESTful APIs for enterprises, telecommunications and cloud providers to provision Intel® Xeon® based Supermicro X10 and X11 generation server, storage and networking systems.

Experience the Benefits of Supermicro RSD for Yourself!

You can evaluate the flexibility, performance, efficiency and manageability of Supermicro's RSD systems today in the Supermicro RSD Solution Centers. Each center supports both on-site visits and remote access, allowing you to dynamically configure hardware resources for specific workloads using the RSD graphic user interface (GUI) or command line interface (CLI).

Supermicro storage options include the 32 NVMe drive JBOF in 1U form factor, for pooled NVMe Hot Storage.
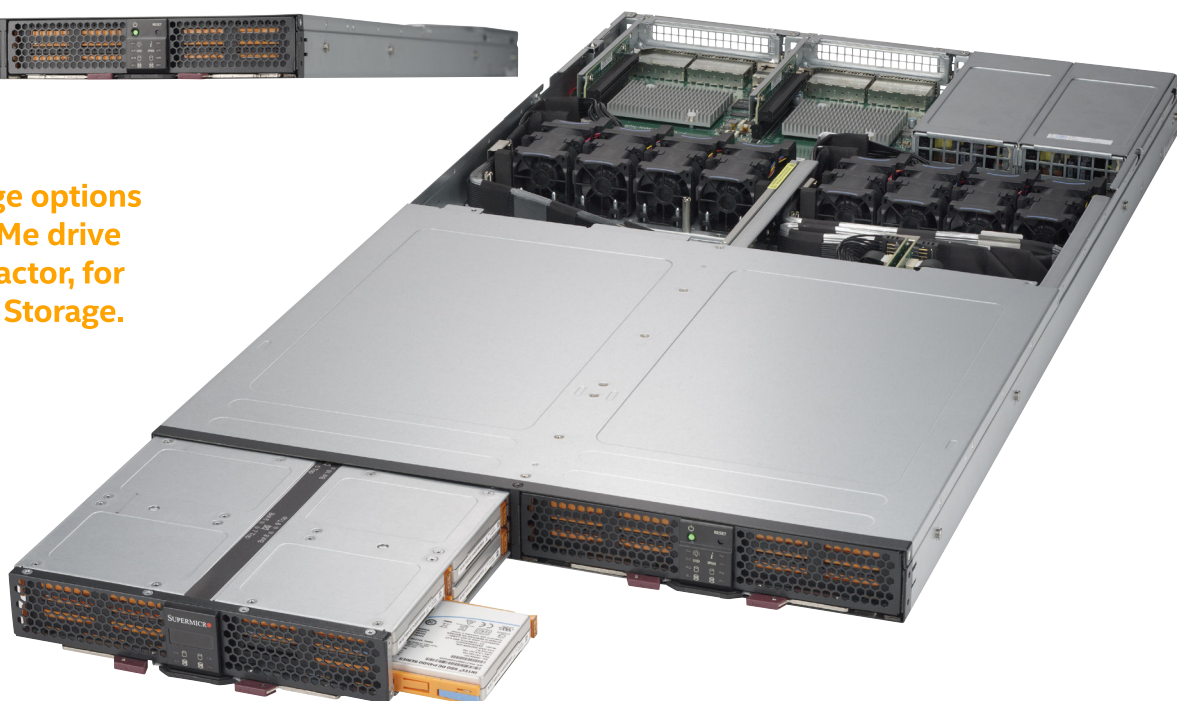
Try deploying OpenStack or other frameworks on x86 compute nodes and fast, pooled NVMe storage nodes. Reconfigure pooled resources in response to application workload changes or power off unused resources in the pool to save energy. Bring in your own workload, run your own tests, optimize your unique configurations and see how easy it is to improve performance and efficiency. You can even schedule an extended proof of concept (PoC) project to validate your specific use models and requirements.
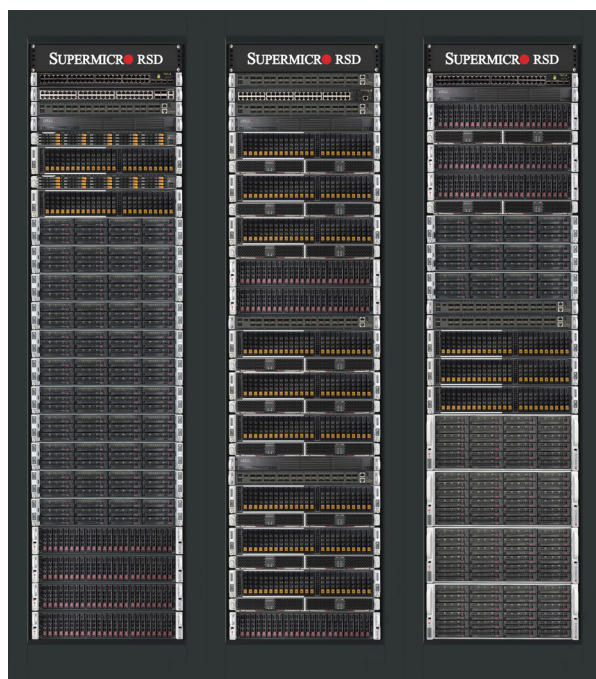
Supermicro RSD Solution Center at a Glance

The Supermicro RSD Solution Centers feature the Supermicro Ultra SuperServers, the Twin family of BigTwin, TwinPro and FatTwin multi-node servers, as well as SuperBlade and MicroBlade servers, and the 8-way/4-way multi-processor servers. All of these compute servers use the latest Intel® Xeon® Scalable processors. Supermicro storage options include the 32 NVMe drive JBOF, for pooled NVMe Hot Storage. Other storage options include Supermicro's SimplyDouble storage servers for Warm Storage, and 20 NVMe 7.5mm drive Ultra Z in 1U form factor, the top-loading 45-bay, 60-bay and 90-bay high-capacity drives for Cold Storage. The included management software is based on the Intel® RSD Pod Manager (PODM), Rack Management Module (RMM), and Pooled Systems Management Engine (PSME) components, which implement industry standard RESTful Redfish APIs for easy multi-vendor interoperability.

Supermicro RSD delivers a software-defined infrastructure that goes beyond traditional virtualization, enabling you to dynamically tune your hardware infrastructure to support your changing workload needs. Schedule a time to visit a Supermicro RSD Solution Center today and start your journey to the future of the data center.

To experience the Supermicro RSD Solution Centers and start experimenting with your own workloads, contact Supermicro today at: total_solutions@supermicro.com.

To learn more about Supermicro RSD and Intel® RSD, visit http://www.supermicro.com/solutions/SRSD.cfm and www.intel.com/IntelRSD.