



Supermicro® Total Solution for Canonical OpenStack

Organizations that leverage Supermicro infrastructure with Canonical OpenStack take advantage of leading high performance, high-efficiency server technology while enjoying the reliability and security of the number-one platform for OpenStack and public clouds. This bundled solution provides users with a functional upgradeable cloud built on the latest version of OpenStack, fully managed by Canonical through BootStack (optional self-managed with Ubuntu Advantage support) on best in class Supermicro hardware.

- Validated reference architectures with certified components
- Based on the latest version of OpenStack (with optional assistance with upgrades and other support)
- Capable of rapid scale out – One rack to many racks
- Best economics across the board - Performance / Watt / \$ / ft2
- Predictable cost, predictable time to cloud, best ROI
- Greenest Servers for the Cloud – Save hundreds of dollars per server

Data Switches
2x SSE-X3648S



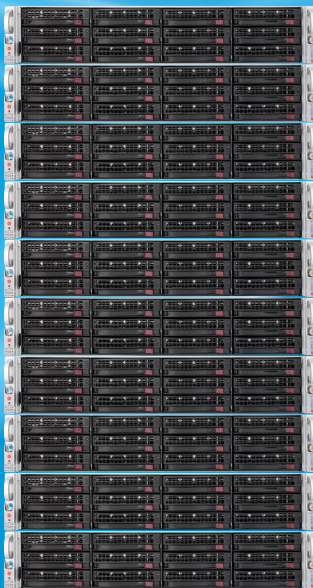
MGMT & IPMI Switches
2x SSE-G3648B



Infrastructure Nodes
3x SYS-6019U-DCFN

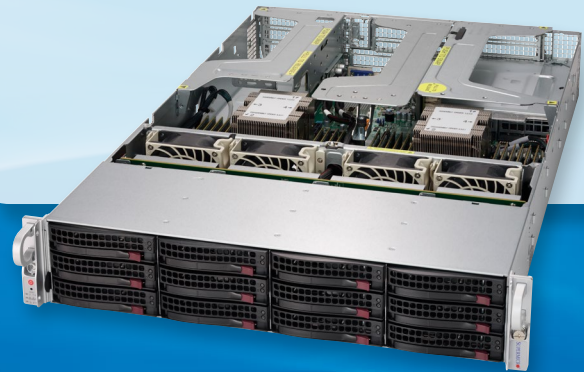


Cloud Nodes
9x SYS-6029U-DCCN-01



The Supermicro -Canonical OpenStack Cloud AT-A-GLANCE

- Start with ~ 288 cores, 3456 GB RAM, 432 TB raw storage
- NVMe and 6Gb/s SATA3 architectures
- 10GbE SFP+ networking with flexible upgrade path
- Out-of-Band Server Management Software
- Start as a pro by leveraging expertize support and services



- Supermicro Ultra server platform with large onboard memory, high core count CPUs, and low latency NVMe caching offer best-in-class virtualization
- Supermicro Layer 3 10GbE/1GbE TOR switches enhance throughput and simplify configuration management
- Supermicro Hyperconverged Architecture maximizes key infrastructure resources
- Supermicro and Canonical validated Rack Design allows multi-rack scale-out flexibility
- Deploy with confidence - Ubuntu is the number-one platform for OpenStack, powering 55% of OpenStack in production. Foundation cloud for OpenStack from Canonical ensures deployment with complete confidence
- Canonical automation tooling and monitoring suite offer best-of-breed open source tools