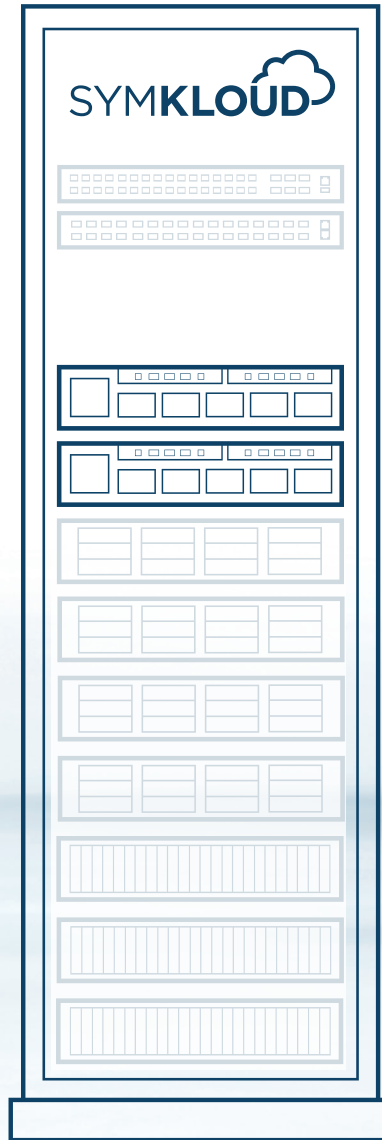


UP TO
5,760
CORES
PER42U



HIGH DENSITY
LOWER
COSTS
ALWAYS "OPEN"



▶ SYMKLOUD SERIES
OF CONVERGED
INFRASTRUCTURE
PLATFORMS

UP TO
2 X HOT-SWAPPABLE
FULLY MANAGED
L3 100GBE SWITCHES



NFV - SDN READY
INFRASTRUCTURE



SYMKLOUD MS2920 CONVERGED INFRASTRUCTURE PLATFORM

- ▶ CONVERGED INFRASTRUCTURE - COMPUTE, STORAGE, DUAL 600GBE INGRESS SWITCH FABRIC, IN ONE 2U, SHORT-DEPTH ENCLOSURE
- ▶ IDEAL OPENSTACK APPLIANCE CONTROLLER - FULLY REDUNDANT
- ▶ CLOUD-READY OPEN PLATFORMS WITH ISV PARTNERS
- ▶ MODULAR DESIGN WITH HIGH AVAILABILITY - LONG LIFE FEATURES

POSSIBILITIES START HERE





SYMKLOUD commercial-off-the-shelf x86 (COTS) platforms for carrier clouds, content delivery networks, hosting and cloud (XaaS) provider infrastructure. Massively scale VNF, edge data center, and video/OTT /broadcast workloads.

CONVERGED INFRASTRUCTURE FOR FAST & EFFICIENT SERVICE ROLL-OUTS



TECHNICAL INFORMATION

Hardware Platform

- ▶ Ruggedized Modular Platform design
- ▶ 2RU height, 21 inches deep, up to 9 hot-swappable modular servers;
- ▶ Single/redundant hot-swappable 600G switches & Shelf manager;
- ▶ Single/redundant management ports, hot swap redundant fans;
- ▶ Front to back cooling; Intelligent Power Management

Switching Infrastructure

- ▶ Up to 2x MSH8920 hot-swappable, fully managed L3 100GbE switches
- ▶ 640Gbs non-blocking internal switching capacity;
- ▶ Front: 3x 100GbE QSFP (support for optical or passive CR4 modules/cables, 8x 10GbE Uplinks SFP (optical module only), 2 management 10/100/1000 Base-T RJ45 ports

Shelf Management

- ▶ Monitor Server and system-level health status with simplified web-based "System Monitor" dashboard, integrated
- ▶ BMC (iBMC) with advanced options; Support for SNMP and IPMI 2.0

Software

- ▶ OS, Hypervisors and Middleware support per server: various options available as part of integration services

Support

- ▶ Product life cycle support (5-7 years)

Compliance/Regulatory

- ▶ Designed to meet the following environmental, safety and EMC requirements: EN 300 019; Telcordia GR-63; Telcordia SR-3580 level 3; Telcordia GR-1089; EN 300 386; EN/CSA 60950-1; FCC PA RT 15

HARDWARE DESIGNED FOR A SOFTWARE DEFINED WORLD

- ▶ 'Mix and Match' Intel-Based Modular Servers (9 per 2U); (visit symkcloud.com for more Modular Server models)
- ▶ LATEST MODULAR SERVER: 2 independent Intel® Xeon® D-1500 Series processors
> 4C (2.2 Ghz); 8C (2.0 Ghz); 12C (1.5 Ghz); 16C (1.3 Ghz)
- ▶ 4x DDR4 DIMM sockets; total 128GB using 32GB VLP RDIMMs per server
- ▶ 1x M.2 with up to 256Gb SSD per server
- ▶ Flexible configurations to run multiple concurrent applications
- ▶ Improved performance with physical Data- and -Control Plane separation
- ▶ Web-based System Manager for health monitoring and 1-click updates
- ▶ Ideal for Bare Metal, or, Hypervisor implementations
- ▶ Seamless OpenStack integration cloud provisioning
- ▶ Support for hardware accelerated SDN (OpenFlow)



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A SECURED REMOTE
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