SYMKLOUD SERIES OF CONVERGED INFRASTRUCTURE PLATFORMS

UP TO
5,760 CORES
PER 42U

▼

HIGH DENSITY LOWER COSTS
ALWAYS "OPEN"

▼

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 **kontron**

kontron

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/redudant 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 suport (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 PART 15

HARDWARE DESIGNED FOR A SOFTWARE DEFINED WORLD

▶ 'Mix and Match' Intel-Based Modular Servers (9 per 2U); (visit symkloud.com for more Modular Server models)

▶ LATEST MODULAR SERVER: 2 independent Intel® Xeon® D-1500 Series proccessors
> 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)

SYMLAB✛

ASK ABOUT SYMLAB
A SECURED REMOTE ACCESS EVALUATION LAB

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SYMKLOUD

MAXIMIZE RACK SPACE
SCALE CLUSTERS/RACKS EFFICIENTLY
SAVE ENERGY COSTS ON IT/INFRASTRUCTURE
SIMPLIFY PLATFORM MANAGEMENT

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