



PRODUCT BRIEF | 1U Hybrid Edge and CDN Platform

NDS1083 (AC) and NDS1084 (DC)

1U Hybrid Edge and CDN Platform

The Viking Enterprise Solutions (VES) NDS1083/4 is an Intel Xeon D-1518 based system which offers spinning eight LFF drives and three NVMe M.2s. It is designed to fit in a 2 post or 4 post rack, it can be deployed at edge points of the network for minimizing network load. The system operates in environment of up to 40°C. Having exceptional thermal management and drive rotation vibration mitigation, the platform is highly reliable.

NDS1083 supports AC power supplies and the NDS1084 supports DC power supplies for maximum flexibility. The system can operate indefinitely with a fan fail, minimizing service. Two power and reset buttons, along with two LEDs to indicate power and stand-by, provide basic functionality without any KVM connection.



4U Rackmount Enclosure

- ▶ Dimensions: 24" L X 17.5" W X 1.75" H
- ▶ Weight for VES NDS1083/4: 40 LBS

AC Power

- ▶ Input Voltage: 100-240V AC 50/60 Hz
- ▶ DC Input: 48V-60V DC 16A - 10A MAX

Monitoring & Reporting

- ▶ Standard IPMI
- ▶ 1GbE data center connection for management

Safety Standards

- ▶ IEC/EN UL/CSA 60950-1 2nd Edition
- ▶ NEBS Level 1 Compliant

Drive Configuration

- ▶ Up to 8 LFF drives
- ▶ Three NVMe M.2 SSD (2242/2280/2210)

Ethernet Connectivity

- ▶ Up to 20 Gb/s Ethernet connectivity via motherboard

Environment Protection

- ▶ RoHS & WEEE compliant

Compute

- ▶ Intel Xeon D-1518 Processor
- ▶ 128GB ECC DDR4 RDIMM, 64GB ECC/Non-ECC DDR4 UDIMM
- ▶ PCIe Gen 3 x8 half-length, half-height expansion card



For price, availability and sales information, please email us at sales@vikingenterprise.com or call us at +1 (408) 964-3730.

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