

PRODUCT BRIEF | 1U 122TB Hybrid Edge and CDN Platform

NSS-1081 (AC) / NSS-1082 (DC)

1U 122TB Hybrid Edge and CDN Platform

The Viking Enterprise Solutions (VES) NSS-1081/2 is Intel Xeon D-1518 based system which offers up to 122TB of capacity with spinning LFF drives and SFF SSDs. 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. With its exceptional thermal management and drive rotation vibration mitigation, the platform is highly reliable.

NSS-1081/2 supports AC and DC for maximum flexibility. It can operate indefinitely with a fail fan minimizing service. Two power and reset buttons, along with two LEDs to indicate power and stand-by provides basic functionality without any KVM connection.



4U Rackmount Enclosure

- ▶ Dimensions: 24" L X 17.5" W X 1.75" H
- ▶ Weight for VES NSS-1081/2: 40 LBS

AC Power

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

Monitoring & Reporting

- ▶ Standard IPMI interface
- ▶ 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
- ▶ Single 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

