

STORANDER NFS One DATASHEET

STORANDER NFS One is a unified Software-Defined Storage platform designed to scale up and out to make storage management easy while reducing overall enterprise storage costs.



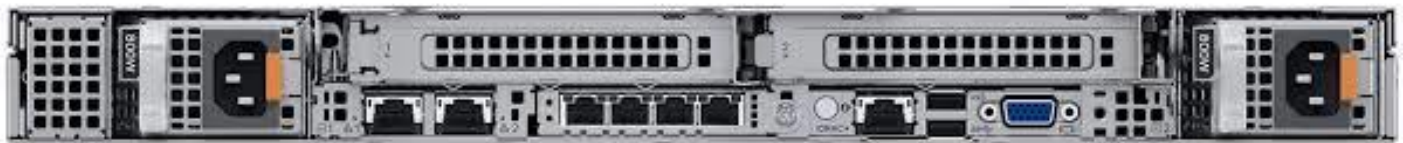
With support for all major file, block, and object protocols including iSCSI/FC, NFS/SMB, and S3, STORANDER NFS One may be configured to address the needs of complex workflows which span sites and datacenters.

STORANDER NFS One key features:

Storage Grid Technology

STORANDER NFS One's storage grid technology is a built-in federated management system which enables STORANDER NFS One servers to be combined together to simplify management and automation via CLI and REST APIs.

Flexible, Modular Architecture



The layered architecture of STORANDER NFS One provides solution engineers with unprecedented flexibility and application design options that maximizes workload performance and fault-tolerance for a wide range of storage workloads.

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End-to-End Security

STORANDER NFS One includes end-to-end security coverage enabling multi-layer data protection “on the wire” and “at rest”.

Simplified Management

The intuitive STORANDER NFS One management interface eliminates many complicated steps commonly associated with legacy storage applications to provide IT generalists powerful storage solution configuration options.

STORANDER NFS One main features:

Feature	Technical specifications
Supported file protocols	NFS
Supported block protocols	iSCSI
Connectivity ports (hosts)	4 x 10 Gbit Ethernet SFP+
Connectivity ports (internal architecture)	4 x 12Gb/s mini-SAS connectors (SFF-8644)
Capacity	Model 3618 – 648 TB raw Model 7218 – 1296 TB raw Model 0418 – 1872 TB raw
Data protection	Single drive failure protection. Dual drive failure protection.
HDD type	Seagate 18 TB SATA 7200 RPM Self-Encrypting SAS Drive (optional)



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Embedded management	iDRAC9
STORANDER One NFS management	ANDRA Grid Storage Manager
Form factor	5U Controller module STORANDER NFS ONE 1U Capacity module STORANDER NFS ONE 4U
Scalability	STORANDER NFS One is scalable to 22 nodes. Capacity scales up to 40 PB raw
Input Power Requirements	180VAC-240VAC, 50Hz/60Hz
Power Supplies	Dual redundant Power Supplies 800W Controller module Dual redundant Power Supplies 2000W Capacity module



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