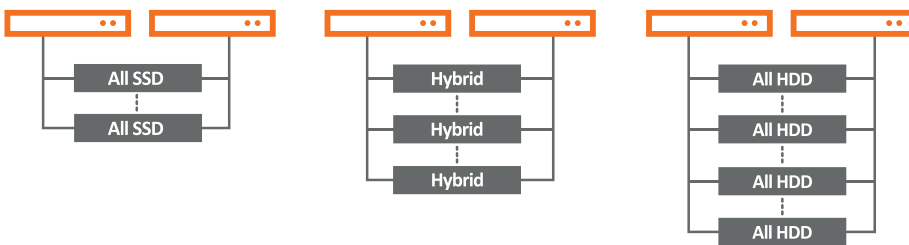


# NexentaStor Datasheet

## Highly Available, Full-featured, Unified Storage

Nexenta's flagship Software Defined Storage (SDS) platform enables thousands of customers all around the world to transform their storage infrastructure, increase flexibility and agility, simplify management and dramatically reduce costs without compromising on availability, reliability or functionality.

### Shared File and Block Services with All Flash and Hybrid Acceleration



### File Shares for Applications, Desktops, and Archives

NexentaStor provides an ideal solution for NFS and SMB file shares in applications, desktops and archives. With inline data reduction, unlimited snapshots and clones, end-to-end data integrity and up to triple parity RAID, NexentaStor reference architectures scale up to multi-petabyte raw capacity.



### High Performance Digital Media Applications

NexentaStor is well suited for high performance digital media apps requiring NFS, SMB, iSCSI, or FC storage protocols. High performance all-SSD and hybrid configurations with inline data reduction, unlimited snapshots and clones are key benefits to solving performance bottlenecks.

### Scalable Backend for Public and Private Cloud

NexentaStor is a workhorse for scalable cloud backend and cloud hosting environment. With NexentaStor's unified storage services and simple scaling to petabyte configurations, NexentaStor provides the rich ecosystem integration that is critical to agile cloud deployments.



**S**ecure

**M**anageable

**A**vailable

**R**eliable

**Lower T**otal Cost of Ownership

**S**calable

# NexentaStor Specifications Overview

NexentaStor features	Description
<b>NexentaStor Version</b>	NexentaStor 4.x
<b>Storage Protocols</b>	10GbE NFSv3, NFSv4 10GbE CIFS, SMB 2.1 10GbE iSCSI 8Gbps Fiber Channel
<b>Supported Configurations</b>	Controllers: <ul style="list-style-type: none"> <li>• Single controller</li> <li>• Active/Active controllers in HA pair (best practice)</li> </ul> Storage Enclosures: <ul style="list-style-type: none"> <li>• Single path with single controller or HA pair</li> <li>• Dual path with single controller</li> <li>• Multi path with HA controller pair (best practice)</li> </ul>
<b>Data Availability and Integrity</b>	ZFS 256-bit block level checksums RAID 10 and multi-parity software RAID (n+1, n+2, n+3) Asynchronous replication
<b>Data Services and Optimization</b>	Flash and HDD hybrid pools ZFS Copy On Write Unlimited writable snapshots Thin provisioning Inline data reduction
<b>Scalability and Management</b>	Reference Architecture configurations up to 1.5PB raw capacity CLI and Web UI SNMP and REST API
<b>Server OS Supported</b>	VMware, Windows, Citrix, RHEL
<b>Virtualization Integration</b>	VMware VAAI, vCenter Plugin, OpenStack Cinder
<b>Nexenta Plugin</b>	HA Cluster, FC target

NexentaStor licenses	Community	Trial	Enterprise
<b>Capacity</b>	Free up to 18 TB	-	License-based
<b>Time limit</b>	Perpetual	45 days	Perpetual
<b>HA Cluster</b>	N/A	Plug-in	Plug-in
<b>Replication</b>	N/A	Plug-in	Plug-in
<b>Install options</b>	Bare metal	Bare metal, ESXi, Hyper-V	Bare metal, ESXi, Hyper-V
<b>Support</b>	Community	SE, Partner	Platinum, Gold, Silver

Nexenta develops, integrates and tests its software solutions with leading solutions providers including the below partners:



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