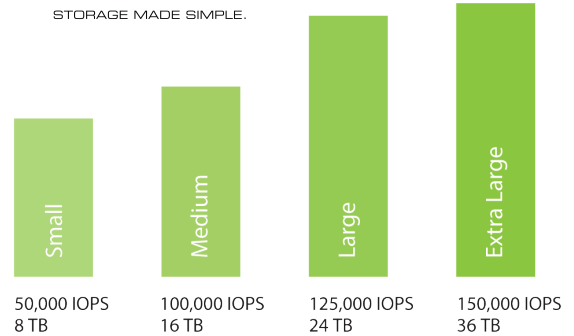


# QuantaStor High Performance Compute Storage Solutions



OSNEXUS is transforming storage economics through innovations in High Performance Compute (HPC) Storage by delivering the enterprise SAN/NAS performance and capabilities modern workloads require while simultaneously eliminating the high costs associated with proprietary storage hardware. For computationally intensive applications such as big data, rich media, 3D computer modelling, seismic data processing and data mining or large-scale simulations, the QuantaStor SDS platform provides High Performance Compute storage capabilities to scale up and out with its grid architecture for increased I/O and capacity requirements. Leveraging open source file systems and protocols including NFS, SMB, iSCSI and ZFS, QuantaStor allows fast access to large file, block and object storage across multiple storage nodes.



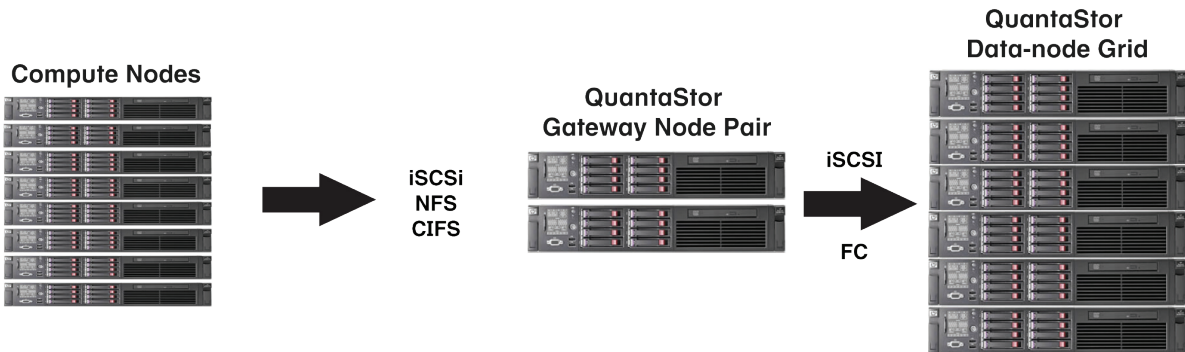
HPC Storage Solution Performance

## Highly Available Scale-out HPC Storage

The QuantaStor HPC storage solution integrates HPC results and manages data between file systems and NFS or SMB spanning storage nodes, external storage systems and both physical and virtual server clusters via QuantaStor's grid storage gateway technology. As High Performance Computing becomes critical for companies who need to get the most value out of their information assets, QuantaStor's HPC Storage Solution works alongside compute systems to meet both high performance and high availability storage requirements. For applications that require a single massive namespace, QuantaStor can be deployed as a grid of appliances that delivers up to 4PB of storage in a single scale-out file system accessible via major protocols including NFS. Scale-out solutions can be made highly available when storage is provisioned using erasure-coding or replica based storage layouts ensuring that the storage remains fully available to applications even when an appliance node is taken offline for maintenance or upgrades.

## HPC Storage Key Features

HPC Storage Key Features	QuantaStor Gateway-node Appliance Pair	QuantaStor Data-node Grid Technology
Protocols	iSCSI/NFS/SMB	iSCSI/NFS/SMB
Maximum Capacity	256TB	16x256TB (4PB)
Data Compression	Yes	No
High-Availability	Yes	Yes
Hadoop	Yes	Yes
Snapshots	Yes	Available Fall 2015
Remote Replication	Yes	Available Winter 2015
Quality of Service (QoS) Controls	Yes	Yes



Expert included.