



# Spectra BlackPearl® Platform Overview

BlackPearl is a multi-purpose hybrid storage platform that easily and cost effectively scales up as object and file volumes grow; adapts as operational requirements change; and enables easy synchronization of data between on-prem and cloud storage.



**A flexible solution that can grow**

## A solution that grows as data increases and is flexible as use cases evolve

- Scale-up architecture
- Combines disk and flash for high performance
- NFS, SMB, S3, Spectra DS3 or on-prem glacier\*

**Able to store large volumes of data**

## Storage of large volumes of data across on-prem and/or cloud

- Seamless support for on-prem glacier\* storage
- Failover of production data to the public cloud for disaster recovery
- Bi-directional data synchronization for automatic replication of on-prem and cloud data
- Apply cloud service and on-prem processing regardless of data location

**Built-in cost savings now and in the future**

## A cost-effective storage solution initially and long-term

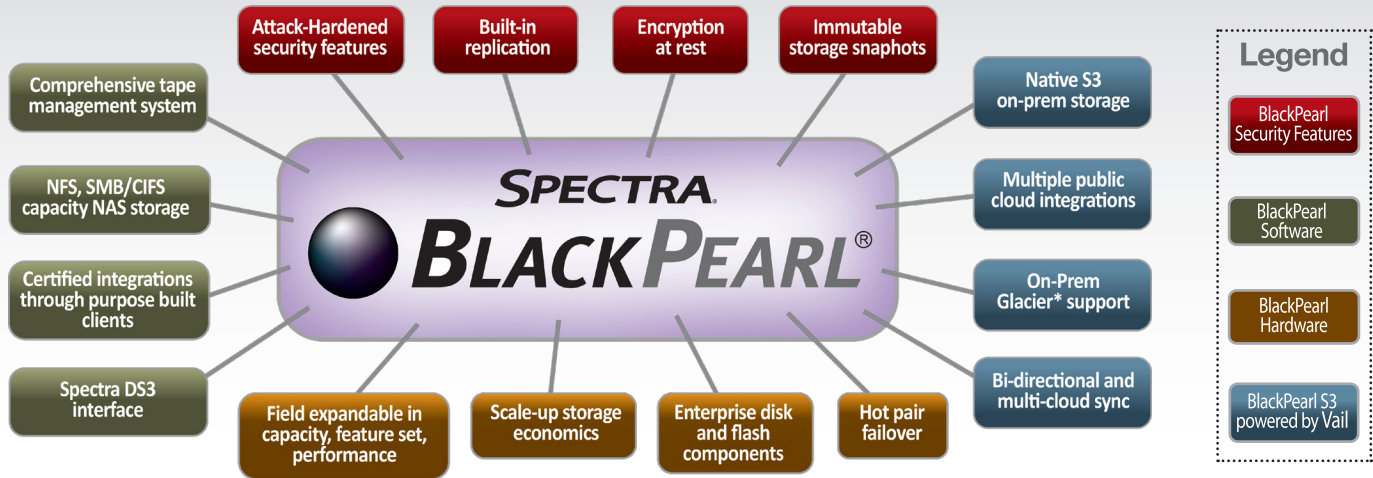
- Scale-up NAS architecture allows for multiple petabytes of disk/tape at lowest cost
- Very high density with spin-down disk capabilities for cost and power efficiency
- Data compression prior to encryption for efficiency and security
- Simplified access to tape to store petabytes of data cost effectively

**Protecting your data from cyber attack**

## Smarter way to protect data from external cyberattacks and insider threats

- Virtual air gap protection through immutable snapshots and multi-factor authentication
- Physical air gap to automated tape
- Ability to seamlessly replicate data offsite or to public cloud for disaster recovery
- Optional failover of control module
- Enterprise-grade self-encrypted SAS tape drives
- Object locking\*\*

# BlackPearl Platform features at a glance



## BlackPearl Platform Specifications



	BlackPearl V Series			BlackPearl S Series			BlackPearl X Series			BlackPearl Expansion
Interface	CPU With Motherboard	Tape Connect	Network	CPU With Motherboard	Tape Connect	Network	CPU With Motherboard	Tape Connect	Network	Dual Power Supplies
		Single	Up to 3 FC or SAS HBA	25 GbE Standard, 40GbE optional	Single	Up to 3 FC or SASHBA	25 GbE Standard, 40GbE optional	Single or Dual	Up to 2x8 or 16 port FC or SAS HBA	100GbE Standard
Internal Disk Drives	20 x 3.5" SAS HDD's			60 x 3.5" SAS HDDs						107 x 3.5" SAS HDDs
Flash Drives	(Upgrade) 6 x 6.4 TB NVMe SSD's			(Upgrade) 10 x 6.4 TB NVMe SSDs			24 x 6.4 TB NVMe SSDs			None
Throughput	Up to 1.6 GB/s to tape sustained			Up to 4 GB/s to tape sustained			Up to 9 GB/s to tape sustained			
Expansion	Up to 10 expansion chassis***			Up to 9 expansion chassis***			Up to 10 expansion chassis***			
Capacity of expansion	107 drive expansion chassis			107 drive expansion chassis			107 drive expansion chassis			Up to 107 drives per 4U chassis

For complete specifications, please contact your Spectra Representative or visit [www.spectralogic.com/BlackPearl](http://www.spectralogic.com/BlackPearl). \*\*\*In a 42U rack

\*Amazon Glacier® is a registered trademark of Amazon Technologies, Inc. \*\*Future release

## About Spectra Logic Corporation

Spectra Logic develops a full range of Attack Hardened™ data management and data storage solutions for a multi-cloud world. Dedicated solely to data storage innovation for more than 40 years, Spectra Logic helps organizations modernize their IT infrastructures and protect and preserve their data with a broad portfolio of solutions that enable them to manage, migrate, store and preserve business data long-term, along with features to make them ransomware resilient, whether on-premises, in a single cloud, across multiple clouds, or in all locations at once. To learn more, visit [www.spectralogic.com](http://www.spectralogic.com).

