

BlackPearl



H3310: Resilient multi-protocol hybrid Storage

This innovative storage solution combines the scalability and affordability of software-enabled file and object storage with enhanced availability, reliability, and manageability. Accommodate massive data growth to 20 petabytes (17.8 PiB) of raw storage in a single rack, while maintaining optimal performance and cost-effectiveness.

Spectra Logic BlackPearl® H3310 reduces costs and ensures data availability while making it the ideal choice for organizations seeking future-proof secondary storage.



Data Protection



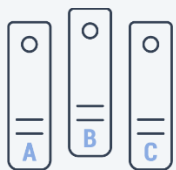
- Immutability ensures your data remains impervious to change
- Ransomware resiliency enables fast recovery from data loss or corruption
- Enterprise security eliminates unauthorized access

Manageability



- Policy-based optimization of data: locations, redundancy, retention, expiration, movement, synchronization
- Advanced controls for Compliance, Governance, and Sovereignty

Flexibility



- Multi-protocol (CIFS/SMB, NFS, Amazon S3, Amazon S3 Glacier) for file and object-based storage
- Hybrid (disk with NVMe flash) configurations with extensive HDD expansion



Benefits of Spectra BlackPearl H3310

- Configure your storage to match your needs with multiple storage tiers, providing cost-efficient flexibility
- Optimize budgets by storing large datasets at a fraction of the cost compared to primary or public cloud storage, ensuring data is both secure and affordable
- Experience the best of both worlds - enjoy cloud compatibility combined with on-prem performance, ensuring your data is accessible and responsive
- Guarantee your data is secure with immutability and optional self-encrypting disks
- Maintain full access and control over your data, with an enhanced availability architecture that minimizes downtime and maximizes durability

BlackPearl H3310 Technical Specifications

Item	Description
Software Options	BlackPearl Nearline File Network Gateway BlackPearl Nearline Object Gateway BlackPearl Nearline Media Gateway
Form Factor (rack units)	4U (20U with 4x expansion)
Nodes per H-series chassis	2x H-series nodes configured in active / standby or 1x H-series active node
Availability Options	Active-standby (dual-node) or Single-active
Processor	AMD EPYC™ 7203P CPU
RAM	256 or 512 GB
Appliance Capacity	Up to 528TB raw (7.4 PB raw with 4x 78-slot expansion chassis) Up to 4.9 PiB usable (with 4x exp, 10+2 RAID)
Supported Disk Protection Levels	ZFS RAID dual-parity or triple-parity
SSD	1.6 TB, 6.4, 12.8, 25.6 TB NVMe (U.2) drives
SSD Drive Count	Up to 6x SSD
HDD	8,22 TB SAS or 8, 20, 22 TB SAS (SED)
HDD Drive Count	Up to 24 x 3.5" HDD
Supported Expansion Enclosures	24x or 78x slot Disk Expansion Enclosures
Expansion Enclosure Connectivity	12 Gb SAS3
Network Connectivity	Data: 2x 10/25 GbE or 2x 40/100 GbE ports per node Mgmt: 1x 1 GbE; IPMI: 1x 1 GbE
External Tape Library Connectivity	Up to 20x 12 Gb SAS ports per node or Up to 20x 16 Gb or 20x 32 Gb FC ports per node
Power Supplies	2x 1300W AC Platinum
Physical Specifications	Height: 7 in. (17.8 cm) Width: 19 in. (48.3 cm) Depth: 29 in. (73.6 cm) Weight: Max config: 114 lbs. (51.78kg)
Ambient Temperature	32°F to 95°F (0°C to 35°C) (Altitude -200 ft to 10,000 ft)
Operating Relative Humidity	5% to 95% relative humidity non-condensing
Thermal rating	1300W PSU: 4435 BTU/hr.
Certifications	ENERGY STAR 2.0 for Servers

About Spectra Logic Corporation

Spectra Logic modernizes IT infrastructures to preserve, protect and defend data, from days to decades, whether on-premises, in a single cloud, across multiple clouds or in all locations at once. Our cost-effective solutions help organizations efficiently manage, migrate and store long-term data, from terabytes to exabytes, with features that make it ransomware resilient.

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