

Hitachi Vantara Virtual Storage Platform One Block

Quad-Level Cell (QLC) SSD Appliance

Virtual Storage Platform One (VSP One) Block with QLC delivers the industry's most reliable high density, cost optimized All-Flash Array for read-intensive workloads.

1. The Right Tool for the Right Workload.

VSP One Block with QLC is ideal for non-mission critical, latency sensitive workloads that benefit from QLC's high capacity and low cost per gigabyte. VSP One Block with QLC is ideal for scenarios where data is accessed infrequently, such as backup, disaster recovery, and long-term data retention.

2. Reliable by Design.

In addition to our 100% Data Availability Guarantee, dual port QLC media maintains both the availability and performance of the drives in the event of a port failure.

3. Intelligent Media Monitoring.

No more guessing with proactive wear rate telemetry monitored by Hitachi Remote Ops and visible in Clear Sight.

4. Smart Data Storage.

Strategically organize your data storage by separating frequently accessed hot data from rarely accessed cold data to optimize both performance and cost.

5. Sustainable Without Compromise.

Reduced energy costs for archived data, decreased rack space and smaller carbon footprint due to power efficiency helps you deliver on your ESG goals.

6. Industry Leading Capacity Guarantee.

The industry's only 4:1 No Questions Asked Effective Capacity Guarantee and Adaptive Data Reduction maximize efficiency and ensure VSP One Block meets expectations. Guaranteed.

7. Trusted by the Trusted.

More than 75% of the Fortune 100 rely on VSP One, including 10 out of 10 top insurers and telcos, 9 out of 10 top manufacturers and health providers, and 8 out of 10 top banks.

8. Ransomware-Ready Defense.

Eliminate threat exposure with always-available copies of production data and actively defend structured data against ransomware. Hardware root of trust delivers improved cyber resiliency protection by cryptographically validating the integrity of microcode updates.

9. Maximum Storage Density.

Pack more petabytes into every rack with space saving QLC technology. Maximize your data center investment by storing more data in the same footprint.

10. Transform Your Backup Strategy.

QLC technology makes it affordable to keep multiple backup copies of your growing data. This modern backup solution delivers the redundancy you need without breaking your budget and near instantaneous restoration when needed.