

Consolidate more business-critical workloads in a small form factor.

DATASHEET

Hitachi Virtual Storage Platform G130 Storage

Modernize Your Data Center With an Agile Storage Infrastructure

Businesses recognize the benefits of adopting storage solutions that can extract maximum value from their applications. Consolidation of workloads with minimal investment is the aim, providing huge performance in the smallest footprint possible while extracting business insights. At the same time, it is critical that these solutions support cloud strategies and are simple to implement and use while delivering enterprise reliability and operational simplicity.

With our latest midrange storage array, Hitachi can help. (See Table 1 for specifications.) Delivering data faster to improve customer experiences is one thing, but few arrays support the advanced analytical capabilities for optimized operations in such a compact 2U form factor. Combining our storage array with Hi-Track Remote Monitoring system and its analytics capabilities allows us to provide the best portfolio to proactively analyze, support and maintain the health of your cloud solutions.

Operational Efficiency

The benefits start with Hitachi Storage Virtualization Operating System RF (SVOS RF). With an all-new enhanced software stack, SVOS RF offers up to three times greater performance than our previous midrange models, even as data capacity scales. Performance from SVOS RF accelerates read and write operations for a lower response time. Combining this with high capacity storage media and placing data on the optimal performance tier, we offer higher workload consolidation than ever before.

The VSP G130 model has a symmetric active-active controller design, which reduces the cost and complexity of path management because volumes can be accessed via host ports on any controller with minimal performance difference. VMware users can activate the round-robin policy for better network utilization.

Additionally, the VSP G130 model optionally offers end-to-end analytics for advanced administrative efficiencies that make operations more predictable. This approach allows organizations to focus on strategic projects and to consolidate

more of their workloads while using a wide range of media choices.

Private Cloud Platform

VSP G130 supports OpenStack drivers for offering a cloud-like experience to business users. This model also offers support for containers to allow DevOps to accelerate cloud-native application development. Not only can we provision storage in seconds, but we also can provide persistent data availability, all while being orchestrated by industry-leading container platforms (Docker SWARM, Kubernetes). Where Hitachi differs is in our ability to enable these workloads to be moved into a production environment seamlessly, not only saving money but also reducing support and management costs.



Using Hi-Track's remote monitoring and analytics capabilities, organizations can rely on 28 years of data collection experience to proactively support cloud solutions. By looking at all performance and support telemetry from all our Hi-Track customers, we can predict when an issue might arise and proactively take action to mitigate downtime.

Simplify Modernization of Your Data Center

The VSP G130 midrange system comes bundled with system management and local replication software.

Organizations have the option to purchase enhanced software features, including infrastructure performance analytics, predictive analytics and Hitachi Data Instance Director (HDID) for data protection and backup orchestration.

TABLE 1. HITACHI VIRTUAL STORAGE PLATFORM G130 SPECIFICATIONS

	VSP G130
Max. Drives	96 HDD
Max. Raw Capacity	940 TB
Disks Supported	2.4TB 10K HDD, 1.2TB 10K HDD, 600GB 10K HDD, 10TB 7.2K HDD, 6TB 7.2K HDD
Host Interfaces	4 x Fibre Channel: 16Gb/s
Max. Cache	32GB
RAID Supported	RAID 1+0, RAID 5, RAID 6

HDD = hard disk drive

For organizations that have their own management toolset, we include standards-based application program interfaces (RestAPIs) that centralize administrative operations on a preferred management application.

For more information regarding Hitachi Virtual Storage Platform G130, contact your Hitachi Vantara representative.

Hitachi Vantara at a Glance

Your data is the key to new revenue, better customer experiences and lower costs. With technology and expertise, Hitachi Vantara drives data to meaningful outcomes.

Hitachi Vantara



Asia Pacific Headquarters
33/F Tower Two, Times Square,
1 Matheson Street, Causeway Bay,
Hong Kong
HitachiVantara.com/HK | community.HitachiVantara.com

Contact Information
Asia Pacific: +852 3189 7900 or info.hk@hitachivantara.com

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