

Datasheet

Hitachi Integrated Systems

Agility redefined, resilience guaranteed

Power your business growth. Achieve fast time-to-market, fail-safe operations and flexible solutions with Hitachi Integrated Systems.

Speed your time-to-market with Hitachi Integrated Systems, powered by Hitachi Vantara Virtual Storage Platform One (VSP One) storage. Accelerate your business innovation and stay ahead of the competition. Our fail-safe operations ensure continuous availability and multisite resilience, minimizing risk and maximizing uptime.

Portfolio of flexible solutions align to diverse business need and operational environments. Optimized solutions for critical business applications, including Oracle, SAP, Microsoft SQL Server and scalable and flexible workload infrastructure, power innovation with reliability and unmatched performance.

IT Complexity Hinders Innovation and Growth

IT complexity, coupled with performance bottlenecks and inadequate resilience, contributes to a slow pace of innovation. As a result, businesses are hindered from adapting and growing in today's fast-moving market.

Businesses need optimized application and a powerful and flexible compute, network and storage infrastructure solution to harness the full benefits of AI and hybrid cloud.

Accelerate Time to Production

Hitachi Integrated Systems, powered by VSP One, empower businesses to **accelerate innovation with fast time-to-production** capabilities, enabling rapid deployment of critical applications and services. Designed for **fail-safe operations**, our solutions ensure continuous availability and multisite resilience, minimizing downtime and safeguarding your business against disruptions.

With **flexibility and scalability**, Hitachi Integrated Systems adapt seamlessly to evolving workloads and diverse environments, supporting any application with ease. By simplifying complex IT infrastructure management, we help

Flexible Solutions Increase Agility and Enhance Resilience

- Accelerate time to value with pre-validated full-stack solutions.
- Advanced automation to orchestrate manual tasks and reduce time to go-live.
- Microsecond latencies to maximize application performance at scale.
- Ability to consolidate enterprise workloads on high-performance backbone.
- Flexibility to run workload anywhere with hybrid cloud solutions for VMware by Broadcom, Red Hat and Microsoft.
- Always-on operations backed by 100% Data Availability Guarantee.
- Multisite resilience to minimize downtime and reduce risks.
- Reduce costs with the most sustainable infrastructure delivering highest IOPS/watts.

reduce operational risks and costs, allowing your teams to focus on strategic growth.

Trusted by global enterprises and governments, Hitachi Integrated Systems deliver reliable, agile technology that drives business success in today's fast-paced digital world.

Fast Time to Operationalization

Hitachi Integrated Systems, powered by VSP One storage, deliver fast time to provisioning through pre-validated, pre-optimized solutions. Advanced automation capabilities enable rapid deployment of critical workloads and services.

This reduces manual setup and configuration efforts, minimizes errors and accelerates project timelines. Businesses can quickly respond to market demands, innovate faster and achieve operational efficiency while ensuring consistency and reliability across environments with Hitachi integrated, ready-to-run infrastructure solutions.

Multisite Resilience

VSP One storage arrays deliver fail-safe operations with 100% data availability, multisite resilience and advanced data protection, ensuring continuous business operations without disruption. Even during site failures or maintenance, data remains accessible and protected, minimizing downtime and risk.

This reliability allows businesses to maintain customer trust, meet SLAs and confidently run critical applications, knowing their data and operations are secure and available with proven Hitachi infrastructure.

Flexible Solutions

Hitachi Integrated Systems provide exceptional flexibility with configuration options that adapt to your unique business needs. Support any workload across bare metal, VMware, Microsoft or Red Hat environments, and run on bare metal, virtualization and container platforms, to deliver the best workload SLAs.

This flexibility ensures optimized configuration, placement, scalability and performance while aligning with your cloud strategy. It helps you innovate and modernize without being locked into rigid infrastructure choices and optimizes operational costs.

Agile, Fail-Safe, Flexible Infrastructure Solutions

Hitachi Integrated Systems portfolio of solutions powered by VSP One provide your organization with consistent, predictable performance while ensuring 100% data availability for mission-critical operations.

You gain the flexibility to run any workload — traditional, virtualized, containerized or cloud-native — with integrated data protection and cyber-resilient architecture built in. With unified management across hybrid cloud environments, your teams can simplify operations and accelerate provisioning while maintaining granular control over performance and capacity.

Cloud Agility Meets Enterprise-Grade Performance and Resilience

- Fail-safe data availability with 100% data uptime guarantee.
- Integrated data protection, multisite disaster recovery and cyber resilience by design.
- Consistent, predictable low latencies at scale.
- Flexible deployment with VMware, Red Hat or Microsoft ecosystems.
- Advanced automation for day 0-2 to simplify full-stack management.
- Unified manageability for the full-stack solution with Hitachi Vantara Virtual Storage Platform 360
- Most eco-efficient VSP One arrays with highest IOPS/Watt.

The platform's scale-out capabilities ensure your organization can grow seamlessly, without disruption, while integrated AI-driven analytics help optimize your resource utilization and performance tuning automatically.

Portfolio of flexible solutions aligned to diverse business need and operational environments. Optimized solutions for critical business applications, including Oracle, SAP, Microsoft SQL Server and scalable and flexible workload infrastructure, power innovation with reliability and unmatched performance.





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Parameter	Specification
Compute Nodes	1 to 128 Workload nodes / system
Compute Racks	1-4
Node-Scale Increment	1
Management Node	HA810 G3 and HA815 G3 Node count: 0, 2 to 8
Compute	HA810 G3 (1U/2Sockets) HA820 G3 (2U/2Sockets) HA840 G3 (2U/4Sockets) HA805 G3 (1U/1Socket) HA815 G3 (1U/2Sockets) HA825 G3 (2U/2Sockets) HA810 G6 (1U/2Sockets) HA820 G6 (2U/2Sockets)
Storage Options	Hitachi Virtual Storage Platform (VSP) 5600/5200 and E1090, VSP One (Block 24, 26 and 28), and internal server storage
Network	Cisco Ethernet Networking switches <ul style="list-style-type: none">● Architecture: Leaf/spine with management network● Bandwidth: 10/25G topology, 100G topology (leaf/spine)● Models: Cisco C92348GC-FX3, C93180YC-FX3, C93600CD-GX, C9316D-GX Broadcom Fibre Channel SAN switches <ul style="list-style-type: none">● Bandwidth: 32Gbps, 64Gbps● Model: Brocade G720
Software	<ul style="list-style-type: none">● Hitachi Unified Compute Platform Advisor● Hitachi Virtual Storage Platform 360

**Build fail-safe, flexible
infrastructure solutions.**

Learn more



About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.

Hitachi Vantara

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