

HPE ConvergedSystem 900 for SAP HANA Scale-up Configurations

Moving at the speed of your real-time business

Built on the Intel® Xeon® E7 v3 (Haswell) architecture and HPE Superdome X, HPE ConvergedSystem 900 for SAP® HANA Scale-up system gives you the power to run real-time analytics and optimize business application performance.

Hewlett Packard Enterprise lets you deploy SAP HANA with confidence and speed time-to-value with:

- Tightly integrated HPE servers, storage, networking, management software, and SAP HANA software
- HPE factory configuration, testing, and rapid on-site deployment services
- Simplified, system-level support, including proactive and reactive services
- Automated high availability (HA) and disaster tolerance (DT) for the SAP HANA database through the optional HPE Serviceguard for SAP HANA
- Decades of experience with a long-term commitment to working closely with SAP to stay at the forefront of innovation and to offer the very best x86 systems on the market

Simplicity accelerates innovation

The gap between business demands and legacy IT is widening. To keep up, you need to find new solutions that allow your IT staff to shift focus from maintaining aging infrastructure to finding innovative ways to maximize the business value of information for the entire organization.

Hewlett Packard Enterprise and SAP have joined together to deliver HPE ConvergedSystem 900 for SAP HANA® so you can easily leverage the speed of the SAP HANA platform to transform data into competitive advantage in real time. Easy to order, easy to deploy, and pre-certified the HPE ConvergedSystem 900 is designed for enterprises with large and complex SAP environments seeking scalability and high reliability.

With Hewlett Packard Enterprise, you gain the confidence of working with the only player that has the vision, architecture, expertise, and end-to-end services for simplifying your IT infrastructure on the SAP HANA platform. Regardless of where you start or want to go, Hewlett Packard Enterprise can get you there—enabling rapid deployment, smooth migration, simplified support, and greater business continuity.

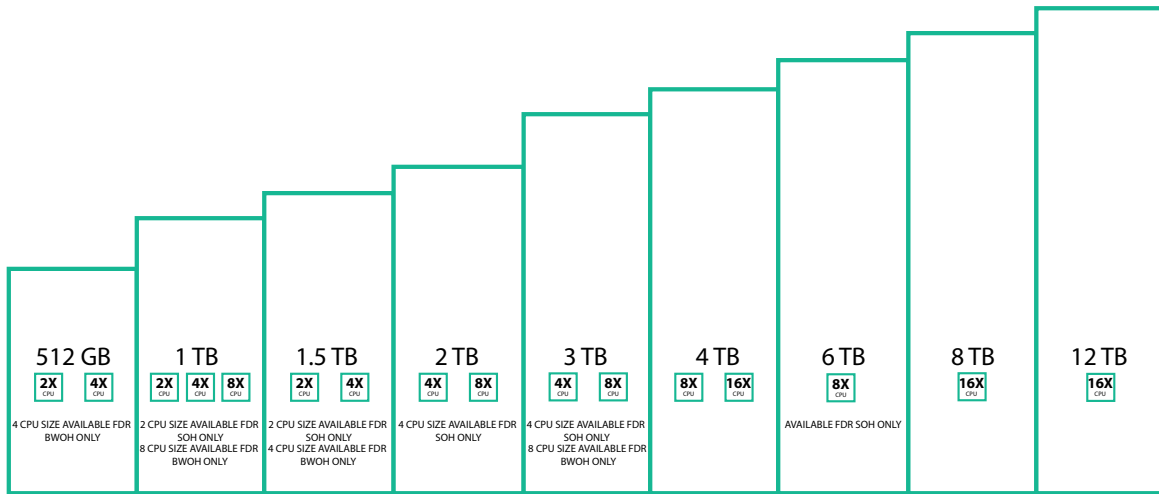
SAP Business Suite powered by SAP HANA

Respond more quickly to changing market environments and make more effective business decisions in real time with HPE ConvergedSystem 900 Scale-up Configurations. This solution is very flexible, with 2-socket solutions of 512 GB to 1.5 TB, 4-socket solutions of 512 GB to 3 TB; 8-socket solutions of 2, 3, 4, and 6 TB; and 16-socket solutions of 4, 8, and 12 TB.¹ Using SAP HANA as the database for SAP Business Suite applications—including enterprise resource planning, customer relationship management, supply chain management, and supplier relationship management—allows you to run all analytic and transaction workloads in real time within the same system, without performance degradation. SAP also certifies certain accelerators and applications, like SAP HANA Live, to run on top of the SAP HANA database, where the memory sizing has been optimized for SAP Business Suite on SAP HANA.

¹ Four blades minimum order and eight nPars maximum.

HPE ConvergedSystem 900 for SAP HANA—Scale-up configurations

Proven, optimized, high-performance, and highly scalable systems from a vendor you can trust



Compute node	HPE Superdome X BL920s Gen9 (up to eight)
Processors	Intel Xeon E7-8880 v3 (2.3 GHz/18-core/45 MB/150 W) Intel Xeon E7-8890 v3 (2.5 GHz/18-core/45 MB/165 W)
Storage	HPE 3PAR StoreServ 8400
Rack	HPE 1075 mm Shock Intelligent Rack HPE 1200 mm Shock Intelligent Rack
Management server	HPE ProLiant DL380 Gen9
Storage software	HPE 3PAR 8400 OS Suite Base LTU; licensed per controller HPE 3PAR 8400 OS Suite Drive LTU; licensed per drive
Blades and partitions software	HPE ConvergedSystem SAP HANA Advanced Partitions LTU; for 16-socket enclosures and for multiple partitions HPE ConvergedSystem SAP HANA Basic Partition LTU; for 8-socket enclosure without partitions HPE iLO Advanced 3yr LTU; licensed per blade
OS and application software	SUSE Linux® Enterprise Server for SAP Applications (with a 3- or 5-year subscription) Red Hat® Enterprise Linux for SAP HANA (with a 3- or 5-year subscription) 8-socket or 16-socket SAP HANA (customer must obtain license from SAP)
Management server software	HPE iLO Advanced Flex 3yr LTU Microsoft® Windows Server® 12 Standard Edition

The total systems experience

HPE ConvergedSystem 900 for SAP HANA scale-up allows you to simplify IT with complete solutions—not separate components—built on proven, trusted technology. That means your staff has more time for innovation. With these solutions from Hewlett Packard Enterprise and SAP you can:

Amplify performance with systems that are optimized for SAP HANA

- **Robust**—HPE ConvergedSystem 900 for SAP HANA scale-up is purpose-built and performance-optimized for SAP HANA with high availability (HA) and enterprise data protection available only from Hewlett Packard Enterprise.
- **Smaller footprint**—50 percent smaller footprint with eight isolated SAP HANA instances instead of four in the same space.
- **Fastest performance**—Built on HPE Integrity Superdome X server, which achieved a number one 16-processor result on the SAP Sales and Distribution (SD) application benchmark.²
- **High flexibility**—Greater choice of scale-up systems from 0.5 TB to 12 TB.

Enjoy unmatched scalability

Grow as your data grows and scale to different SAP HANA workloads—analytics, data warehouse, and business applications—to protect investments and expand as needed. Hewlett Packard Enterprise makes it easy for you to scale-up with modular, standards-based architecture available in scale-up configurations up to 12 TB.

Deployment Services

- **HPE Factory Express Deployment Service**—Includes installation of the Linux operating system and SAP software at the factory, as well as onsite installation—with the pre-tested, pre-configured hardware built to your exact specifications.
- **HPE Deployment Accelerator Service for SAP HANA**—Helps you achieve faster time-to-value for your real-time enterprise-wide information. The Hewlett Packard Enterprise experts will:
 - Simplify system implementation and configuration
 - Integrate the system into your data center
 - Validate the SAP HANA environment and apply the latest SAP HANA patches
 - Transfer knowledge from Hewlett Packard Enterprise experts
- **HPE High Availability Service for SAP HANA**—Designed to achieve disaster recovery at a faster pace, as well as deploy the SAP HANA cluster packages and transfer knowledge about the use and operation of HPE ConvergedSystem for SAP HANA in an HA environment.
- **HPE Disaster Tolerance Service for SAP HANA**—Assists in deployment to not only maintain the integrity of data in the event of failure, but also resume operations and load data back into memory as quickly as possible.

**Additional services for
Hewlett Packard Enterprise
ConvergedSystem for SAP HANA**

HPE Financial Services—Optimize your IT investment strategy with new ways to acquire, pay for and use technology, in lock-step with your business and transformation goals.

hpe.com/solutions/hpefinancialservices

HPE Flexible Capacity—Enjoy the flexibility to scale instantly to meet your needs, while only paying for what you use,³ with no large upfront capital expense.

hpe.com/services/flexcapacity

Migration Services

- **HPE Migration Services for SAP HANA**—Helps you move to SAP HANA without disrupting your business. Hewlett Packard Enterprise provides a comprehensive review of key SAP HANA migration milestones as part of the detailed migration roadmap and plan.

Ongoing Support Services

- Offering an enhanced call experience with advanced technical expertise and end-to-end case ownership, which improves availability and helps optimize your IT infrastructure.
- **HPE Proactive Care**—Provides access to the HPE Center of Excellence for SAP HANA for a complete solution-level support experience. Proactive Care helps in problem prevention with predictive analytics, and personalized analysis with recommendations and advice, paired with rapid access to technical experts to help rapidly resolve any problem. You also benefit from the specially aligned, collaborative reactive processes between Hewlett Packard Enterprise and SAP.
- **HPE Proactive Care Advanced**—Incorporates and builds on HPE Proactive Care to provide additional benefits such as an assigned account support manager. The service is designed to give you a personalized, high-touch support experience that keeps your HPE ConvergedSystem for SAP HANA fully available and running at peak performance.
- **HPE SAP HANA Remote Support Services**—Complement HPE Proactive Care to provide end-to-end SAP HANA appliance management—assuming full operational responsibility for the appliance, Linux OS, SAP HANA software, and database.

Minimize risk with a committed SAP partner

Hewlett Packard Enterprise remains committed to industry-standard x86 computing and a long-term SAP HANA roadmap.

- Buy with confidence from Hewlett Packard Enterprise, the only vendor with the architecture, expertise, and roadmap to meet your SAP HANA needs today and in the future.
- Leverage expertise built over 25 years of SAP partnership, 46 percent SAP licenses, and more than 2,400 SAP HANA installations worldwide.

Learn more at
hpe.com/info/sap/hana

³ Subject to minimum capacity

Our solution partner



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