



HPE SUPERDOME FLEX FOR SAP HANA

Superdome Flex for SAP HANA



WHAT'S NEW

- Offers 2nd generation Intel® Xeon® Scalable processors with choice of Gold or Platinum, to power scale-up or scale-out workloads.
- Supports persistent memory in combination with DRAM for up to 16 CPUs in a single system.
- Now available with the latest HPE Primera 600 storage offering improved scalability and performance.

OVERVIEW

Fully capitalize on SAP HANA® to accelerate data analytics and gain real-time insight across your enterprise. Number 1 in scalability workloads. [1] HPE Superdome Flex is a breakthrough server delivering enhanced performance, seamless scalability, and extreme reliability for environments of every size. Featuring a unique, modular architecture, HPE Superdome Flex equips you for growth, but without over provisioning, providing optimum cost efficiency. Available in appliance and SAP HANA tailored data driven enterprise center integration (TDI) deployments, and coupled with expert HPE Pointnext services to include optional HPE GreenLake Flex Capacity for cloud economics and agility, HPE Superdome Flex helps you Transform to a data-driven enterprise.

FEATURES

Unparalleled Scalability

Designed for environments of all sizes, HPE Superdome Flex scales from 4 to 32 sockets and from 1.5 to 24 TB of shared memory for SAP HANA, spanning SoH/S4HANA and SAP BWoH/BW4HANA workloads and scale-up and scale-out configurations. The SAP HANA Hardware Directory provides complete details.

HPE Superdome Flex features a unique, modular, building-block architecture that scales up seamlessly from 4 to 32 sockets in 4-socket increments as a single system.

Whether as an appliance or TDI deployment, HPE Superdome Flex lets you start small and grow with the demands of your business. You rarely outgrow. No

overprovisioning. No forklift upgrades.

Optimum Flexibility

HPE Superdome Flex offers a broad choice of server configurations using 2nd generation Intel Xeon Scalable processors. Platinum processors can be utilized in appliance or TDI deployments, while lower cost Gold processors can be utilized for TDI deployments.

Leverage high-performance DRAM only, or a combination of DRAM and persistent memory when utilizing 2nd generation Intel Xeon Scalable processors depending upon your workload requirements.

Run SAP HANA on choice of SUSE® Linux® Enterprise Server for SAP® Applications or Red Hat® Enterprise Linux for SAP HANA operating systems.

Gain cloud economics and agility with HPE GreenLake Flex Capacity, and optional metered-use consumption model for which your SAP HANA hardware is billed monthly as a service.

Extreme Reliability

One of HPE's most resilient server helps ensure the highest levels of availability for mission critical SAP HANA workloads.

Superior, end-to-end RAS spans component redundancy and innovative firmware first, auto self-healing, and advanced memory resiliency technology.

Couple HPE Superdome Flex with SAP HANA System Replication and HPE Serviceguard for Linux (SGLX) to deliver high availability (HA) and DR, and achieve near-zero downtime.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

[1] Certified and supported SAP HANA hardware

Make the right purchase decision.
Contact our presales specialists.

[Call for availability](#)



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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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