Hewlett Packard Enterprise

YOUR AS-A-SERVICE BUILDING BLOCK FOR DIGITAL TRANSFORMATION

HPE Superdome Flex 280

In 2020, organizations are set to spend over $1 trillion in digital transformation.[1] With customer experience becoming the new battleground, your digital landscape should be a game changer. Accelerate digital transformation with HPE Superdome Flex 280—delivering **flexible, scalable, and reliable** compute that you can consume as-a-service with on-premises control.
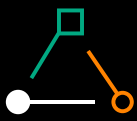
- Ideal for **small and medium** enterprise environments
- Combs through massive **IoT and AI** datasets at the edge or in the core
- Handles **SAP HANA®, Oracle®, Microsoft SQL Server, and Epic** user demand while delivering real-time analytics
- Tackles **complex HPC problems** holistically—as a standalone system or within petascale clusters

HPE SUPERDOME FLEX 280 COMES WITH:

- A unique, modular HPE Superdome architecture
- Scale-up 5U 4-socket building block/chassis
- Extreme HPE Superdome Flex reliability, availability, and serviceability (RAS) capabilities
- Superior security
- Optional as-a-service consumption with HPE GreenLake

Digital transformation comes at a cost—legacy system integrations, poor performance, high TCO, and security are just a few issues businesses face while transforming. That's where HPE Superdome Flex 280 comes in.

MEETS BUSINESS DEMANDS WITH INCREASED PERFORMANCE

- 3rd generation Intel® Xeon® Scalable processors
- Balanced I/O for extreme performance, delivering up to 32 PCIe 3.0 cards
- Several performance benchmark world records[2]

ADDRESSES GROWTH COST EFFICIENTLY WITH SCALE-UP, MODULAR ARCHITECTURE

- 2–8 processors as a single system in 2-socket increments
- 64 GB to 24 TB of shared memory using high-performance DRAM only or in combination with persistent memory
- I/O choice of 16-slot (all low profile) or 12-slot (FH/FW) per chassis
  - 16-slot—each CPU has support for two x8 and two x16 PCIe cards
  - 12-slot—each CPU has support for one x16 PCIe slot and one 300W GPU

SAFEGUARDS CRITICAL WORKLOADS WITH EXTREME RAS AND SUPERIOR SECURITY

- Advanced memory resiliency, firmware-first, analysis engine—offer predictive fault handling and initiate self-healing
- HPE Serviceguard for Linux® delivers business continuity, high availability, and disaster recovery
- Enhanced security with silicon root of trust and Trusted Platform Module (TPM) 2.0

OFFERS FLEXIBLE AS-A-SERVICE CONSUMPTION WITH HPE GREENLAKE

Consume HPE Superdome Flex 280 server on your terms and pay only for what you use. Get just what your business needs now, then scale easily with HPE GreenLake—adding capacity in minutes, not months.

Improve customer experience, accelerate innovation, and think bigger with HPE Superdome Flex 280.

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hpe.com/superdome

HPE Superdome Flex 280 Brochure

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