



The Best Choice for SMBs

The Huawei OceanStor 2200 V3 storage system is a new-generation of entry-level storage products specifically designed for enterprise-class applications. OceanStor 2200 V3 storage system delivers simplicity, ease-of-use, innovative convergence capabilities, intelligence, and efficiency, which supports the performance requirements for Online Transaction Processing/Online Analytical Processing (OLTP/OLAP) of Small and Medium-sized Business (SMB) databases, exchanges, server virtualization, and video surveillance services.

With a versatile set of capabilities, the OceanStor 2200 V3 storage system can be widely applied in industries and sectors ranging from government, health care, education, energy, to manufacturing. Providing comprehensive data security and outstanding storage services, OceanStor 2200 V3 is the best choice for IT systems of SMBs.

Highlights

▪ Ease of use

Proprietary tools complete storage configurations in three steps and within one minute; multiple devices are managed over a single management interface; enhances performance management and capacity forecasting capabilities.

▪ Innovative convergence

Operating system offers 9-fold improvements in performance from optimized flash layouts; complex services and numerous businesses carried on one set of equipment, streamlines the IT architecture and reduces Capital Expenses (CAPEX) by as much as 40 percent.

▪ Intelligent and efficient

The solution keeps the hottest data on the fastest drives while significantly improving storage resource utilization; prioritized services are identified to ensure top performance; highest grade and widest variety of data protection solutions.

Product Highlights

Simple and Easy to Use

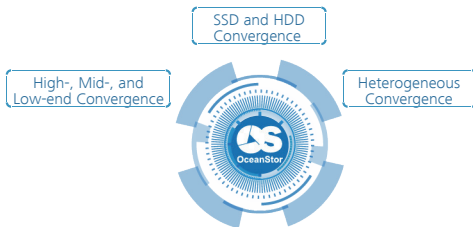
Huawei's unique tool SmartConfig significantly simplifies configuration procedures. Resources can be allocated in minutes with only three steps. This eliminates the bottleneck of professional expertise of IT maintenance personnel, satisfying the requirements of simple and easy to use IT for SMBs.

Unified management

Powerful storage management software supports global topology views, capacity analysis, performance analysis, fault diagnosis, and end-to-end service visualization to simplify management of a wide range of devices.

Innovative and Converged Convergence of SAN and NAS

Provides elastic storage, simplifies service deployment, improves storage resource utilization, and reduces Total Cost of Ownership (TCO). Underlying storage resource pools provide both block and file services and shorten storage resource access paths to ensure that the two services are equally efficient.



Innovative convergence technologies

Convergence of SSDs and HDDs

The design, purpose-built for all-flash architecture, gives full play to the performance of SSDs and maintains a low latency of one millisecond or less. Combining the advantages of solid-state storage and traditional HDD storage, the systems enable media performance to reach the full potential in different scenarios.

Convergence of heterogeneous storage systems

A built-in virtualization function efficiently manages storage systems from multiple vendors and unifies resource pools for flexible, centralized resource allocation and protects their data. In addition, original data can be migrated to OceanStor 2200 V3 so that services can be accelerated.

Smart and Efficient

Smart series efficiency improvement suite

Leverages dynamic storage tiering (SmartTier), intelligent data migration (SmartMotion), and innovative heterogeneous virtualization (SmartVirtualization) to achieve vertical, horizontal, and cross-system 3D data flow, significantly improving storage resource utilization. SmartQoS (smart service quality control) can schedule storage resources according to service priorities, to guarantee the performance and response speed of high-priority services.



Smart series



Hyper series

Hyper series data protection suite

Software for functions such as remote replication, snapshot, and LUN copy provide local, remote, and multiple-branch data protection to ensure business continuity and data availability.

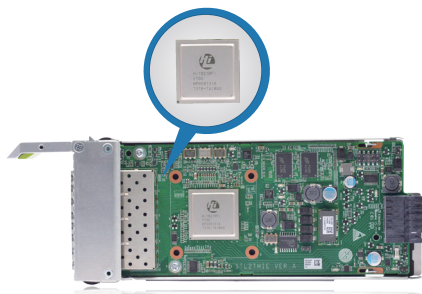
Industry-Leading Specifications

Outstanding performance

2200 V3 storage systems employ the latest multi-core processors, 16 Gbit/s Fiber Channel, and 10 Gbit/s FCoE host ports, PCIe 3.0 buses, and 12 Gbit/s SAS 3.0 disk ports, which tops products of the same level.

Exclusive SmartIO cards

Each SmartIO card supports 8 Gbit/s Fibre Channel, 16 Gbit/s Fibre Channel, 10 Gbit/s Ethernet, and 10 Gbit/s FCoE.



SmartIO interface card

Technical Specifications

Model	2200 V3	
System Cache	16 GB dual controllers	32 GB dual controllers
Maximum Number of Controllers	2	
Supported Storage Protocols	Fibre Channel, FCoE, and iSCSI	Fibre Channel, FCoE, iSCSI, NFS, CIFS, HTTP , and FTP
Front-End Port Types	1/10 Gbit/s Ethernet, 10 Gbit/s FCoE, and 8/16 Gbit/s Fibre Channel	
Back-End Port Type	SAS 3.0 (each port supporting 4 x 12 Gbit/s)	
Maximum Number of Hot-Swappable I/O Modules per Controller	2	
Maximum Number of Front-End Ports per Controller	24	
Maximum Number of Disks	300	
Disk Types	SSD, SAS, and NL-SAS	
Supported RAID Levels	0, 1, 3, 5, 6, 10, and 50	
Data Protection Software	HyperSnap (snapshot) HyperClone (clone) HyperMirror (volume mirror) HyperReplication (remote replication)	HyperSnap (snapshot) HyperClone (clone) HyperReplication (remote replication) HyperLock (WORM) HyperCopy (LUN copy) HyperMirror (volume mirror)
Mission-Critical Service Protection	SmartQoS (intelligent QoS control)	HyperVault (integrated backup)
Resource Efficiency Improvement	SmartThin (intelligent thin provisioning) SmartMotion (intelligent data migration)	SmartCache (intelligent SSD caching) SmartTier (intelligent storage tiering) SmartMigration (LUN migration) SmartErase (data destruction)
Storage Management Software	UltraPath (multipathing management) BCManager (disaster recovery management software) Cloud Service (remote maintenance and management)	eSight (manage multiple devices) DeviceManager (manage single device)
Heterogeneous Virtualization	Consolidates storage resources of mainstream products to manage and allocate resources in a flexible and unified manner.	
Block Virtualization	Balanced data distribution, quick fault recovery	
Easy Configuration	SmartConfig significantly simplifies configurations for IT maintenance personnel. They can quickly learn how to configure devices and do not need to master professional storage knowledge.	
Virtualization Environment	Supports FusionSphere, VMware, XenServer, and Hyper-V platforms. Supports value-added features, including VMware VAAI/VASA/SRM and Hyper-V. Supports vSphere and vCenter integration.	
Power Supply	AC:100V to 240V (adaptive to high-voltage DC)	
Dimensions (H x W x D)	2U controller enclosure: 86.1 mm x 447 mm x 488 mm (3.39 in. x 17.60 in. x 19.21 in.) 2U disk enclosure: 86.1 mm x 447 mm x 490 mm (3.39 in. x 17.60 in. x 19.21 in.) 4U disk enclosure: 175 mm x 447 mm x 490 mm (6.89 in. x 17.60 in. x 19.21 in.)	
Weight (including disks)	2U controller enclosure: less than 24 kg (53 lb) 2U disk enclosure: less than 20 kg (44 lb) 4U disk enclosure: less than 44 kg (97 lb)	
Operating Temperature	-60m to +1,800m height: 5°C to 40°C 1,800m to 3,000m: 1°C lower as the height increases every 220m	
Operating Humidity	10% RH to 90% RH (non-condensing)	

For More Information

To learn more about Huawei storage, please contact the local office or visit Huawei Enterprise website <http://e.huawei.com>.



Huawei Enterprise APP





Huawei IT



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