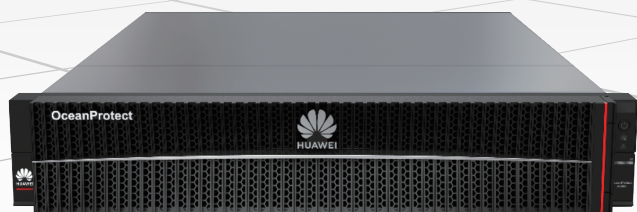




Huawei OceanProtect X3000

Huawei Technologies Co., Ltd.



Huawei OceanProtect X3000

Overview

Huawei OceanProtect X3000 backup storage system is designed based on end-to-end acceleration and Active-Active reliable architecture. It features ultimate efficiency, reliability, and ease of use. This industry-leading performance and reduction backup storage helps users achieve efficient backup and recovery with significant TCO savings and is widely used in IT environments such as small and medium businesses and remote/branch offices.

Highlights

Easy to use

Compact and simple: The 2U chassis is only 488 mm long. The cabinet space and weight are 30% less than the industry benchmark and the cabinet only requires one person to carry.

Fast deployment: Three-step resource allocation using the initial configuration wizard greatly improves resource allocation efficiency.

Intelligent O&M: Intelligent recommendation of configuration parameters, global search on the GUI, one-click export of log files, prediction of performance and capacity trends and hard disk failures, AI-based performance fluctuation detection, OTA upgrade, and remote O&M using DME IQ app are supported.

Efficient

Industry-leading performance: All I/O paths are optimized end-to-end, with max. physical and logical backup bandwidths of 6 TB/hour and 10 TB/hour, respectively, 40% higher than the industry benchmark.

Industry's highest data reduction ratio: Multi-layer inline variable-length deduplication and feature-based compression tech help achieve a max. data reduction ratio of 72:1, 30% higher than the industry benchmark.

98% lower replication bandwidth: The deduplication function helps slash the replication bandwidth between sites by up to 98%.

Reliable

Industry's only active-active reliable architecture: This architecture supports failover in seconds in event of a single controller failure and ensures zero service interruption.

Multi-disk failure protection: RAID-5, RAID-6, and RAID-TP are supported and up to three concurrent disk failures are tolerated.

Ransomware protection for backups: Ransomware protection technologies — encryption (protocol, replication link, arrays), secure snapshot, WORM, and air gap — ensure the security and availability of backups.

Technical Specifications

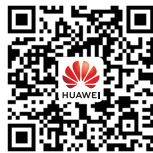
Model	OceanProtect X3000	
	HDD Form	
Hardware specifications		
Physical backup bandwidth of the system	Up to 6 TB/hour	
Logical backup bandwidth of the system	Up to 10 TB/hour	
Recovery bandwidth of the system	Up to 1 TB/hour	
Number of controllers	2	
Usable capacity per node	16 TB - 60 TB	
Data disk types	4TB/8TB/14TB NL-SAS	
Front-end port types	8/16/32 Gbit/s FC, 10/25/40/100 GbE	
Software specifications		
RAID type	RAID 2.0+	
RAID levels	RAID 6 (default), and RAID-TP (optional)	
Software functions	Inline deduplication, inline compression, multi-tenancy, quota management, snapshot, remote replication, audit logs, intelligent service quality control, and data erase	
System management	Device O&M (DeviceManager), Remote O&M (DME-IQ)	
Electrical specifications		
Power supply	200 V to 240 V AC \pm 10%, 192 V to 288 V DC	
Dimensions(H x W x D)	86.1mm×447mm×488mm	
Weight	23.3 kg (including the weight of the hard disk unit)	
Operating temperature	-60 m to +1800 m altitude: 5°C to 35°C (bay) or 40°C (enclosure); 1800 m to 3000 m altitude: The max. temperature threshold decreases by 1°C for every altitude increase of 220 m	
Operating temperature	10% ~ 90%R.H.	

For More Information

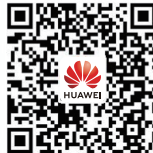
To learn more about Huawei storage, please contact your local Huawei office or visit the Huawei Enterprise website: <http://e.huawei.com/en/>.



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