Dual Control Data Storage DS-AD82 Series

Dual control data storage DS-AD82 series are primary storage arrays with rich software functions that provide cost-effective data storage solution. With the integrated data protection, this series would offer you great performance and data protection function.

Key Features

- Powerful core storage functions, including mature data protection, simplified RAID hierarchy, data migration service, and multi-protocol connection, which provide outstanding performance with low costs
- RAID 0/1/5/6/10/50 or EC (Erasure coding), any RAID level combination is available in an array
- Support 12G SAS and enclosure, which enables the flexible configuration according to speed and capacity
- Suitable for most of IT scenarios, support multiple network modes and OS systems
- Integrated data protection, integrate with common application environments like Microsoft and VMware, simplified the construction of virtualized data center
- Integrated in-band and out-band centralized management
- The host supports multi-protocol connection options
- Front end IO supports 10 Gbps RJ45 interface, 10 Gbps fiber optic interface, 16GbFC interface, 12GbSAS interface, or the mixture of 10 Gbps fiber optic interface and 16GbFC interface
- Local data protection, up to 1024 continuous snapshots
- Remote data protection, asynchronous replication of data storage
- Playback manager: The consistency of snapshots ensures the integrity of VMware, Exchange Server, SQL Server, and Hyper–V data
- Automated RAID hierarchy function improves performance
- Up to 264 drives are supported for DS-AD82012D-ODL
- Up to 3 levels of the automatic hierarchical data
- Support volume copy, which copies the whole independent volume

Specification

Parameter \ Model	DS-AD82012D-ODL
Every Controller	
Processor	Intel® Broadwell-DE
Cache	8 GB, BBU
Network Interface	4 × 10 Gbps fiber optic interface and 4 × 16GbFC
Cabinet	
Array Channel	12 × 12Gb SAS 3.5" (7 at least)
Max. Storage Space	3.1 PB
Max. Disk Number	264
Enclosure	Multilevel
Network Exchange	8 × 10 Gbps RJ45 interface, or 8 × 10 Gbps fiber optic interface, or 8 × 16GbFC interface, or 8 × 12GbSAS interface, or the mixture of 4 × 10 Gbps fiber optic interface and 4 × 16GbFC interface
Server Operation System	Microsoft Windows Server, SLES, VMware, Citrix, XenServer, Red Hat
Power Supply	Redundant power supply (1+1)
Software	
Management Method	GUI based on web, in-band and out-band, support the unified management of multiple devices
Management Software	Web broswer and client software
General	
Dimension (W × D × H)	483 × 88 × 603 mm (19.0 × 3.5 × 23.7 inch), standard 2U chassis
Weight (Maximum Capacity)	32 kg (70.5 lb)
Consumption (without HDD)	≤ 580 W
Temperature	Working temperature: 10 °C to 35 °C (50 °F to 95 °F) Storing temperature: -20 °C to 65 °C (-4 °F to 149 °F)
Humidity	Working humidity: 20% to 80% RH (non-freezing, non-condensing) Storing humidity: 5% to 90% RH (non-freezing, non-condensing)

Parameter / Model	DS-AJ6884D-ODL
Every Controller in Enclosure	
Array Channel	2 × 12Gb SAS
Disk	84
Enclosure	Multilevel
Power Supply	Redundant power supply (1+1)
General	
Dimension (W × D × H)	483 × 222 × 975 mm (19.0 × 8.7 × 38.4 inch), standard 5U chassis
Weight (Maximum Capacity)	135 kg (297.6 lb)
Consumption (without HDD)	≤ 2200 W
Temperature	Working temperature: 10 °C to 35 °C (50 °F to 95 °F) Storing temperature: -20 °C to 65 °C (-4 °F to 149 °F)
Humidity	Working humidity: 20% to 80% RH (non-freezing, non-condensing) Storing humidity: 5% to 90% RH (non-freezing, non-condensing)

Available Model

Storage: DS-AD82012D-ODL
Enclosure: DS-AJ6884D-ODL

Distributed by

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