

ASR-5300I

3U 16-Bay IP-SAN Storage Solution with Enhanced Reliability for Surveillance



Features

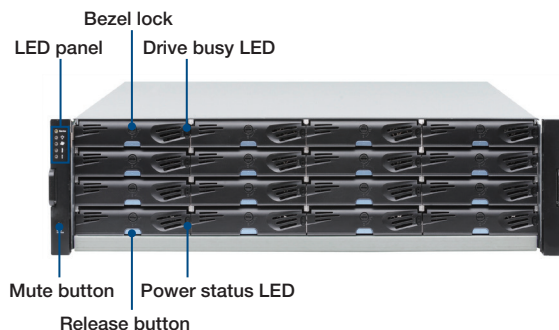
- Single controller configuration
- 3U 16-bay (LFF) short-depth form factor
- 4 x iSCSI 1Gb/s host interfaces
- 2 GB cache (default), up to 16 GB
- Up to 160 x 3.5"/2.5" SATA/SAS drives
- Optional BBU/Supercap+Flash module for cache backup
- Supports thin provisioning, snapshot, and volume copy/mirror data service functions

CE FCC

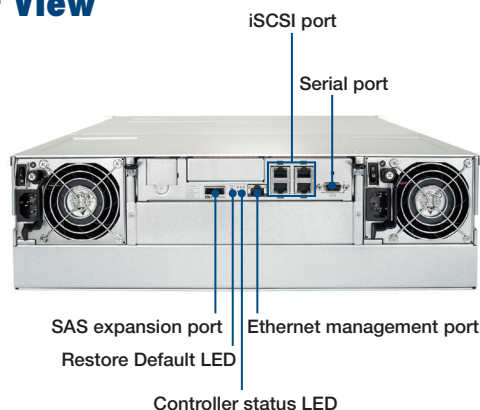
Specifications

System	Form Factor	3U 16 bays (LFF)	
	Configuration	Single controller	
	Number of Drives	16 bays (3.5")	
	Drive Type	6 Gb/s SAS, 6 Gb/s SATA	
	Cache Memory	2 GB (default), up to 16 GB	
	JBOD Expansion	Yes (mini SAS)	
	Max. Drives	160 x 3.5" (with corresponding JBODs)	
	Default Host	4 x 1Gb/s iSCSI RJ45 port	
	RAID Level	0, 1, 3, 5, 6, 10, 30, 50, 60	
	LUN Number	2048 LUNs	
Data Service	Notification	Email, fax, LAN broadcast, SNMP traps, SMS, Skype	
	Advanced Function	Thin provisioning	
		Snapshot (64 images per source volume, max. 128 per system)	
Power Supply		Volume copy/mirror (16 source volume, 4 replication pairs per volume, max. 64 per system)	
	Power Output	460W Redundant Power (80 Plus)	
	Input Range	100 ~ 240V _{AC}	
Mechanical	Dimensions (L x W x H)	500 x 448 x 130 mm (19.6" x 17.6" x 5.1")	
	Weight	21.66 kg (47.75 lbs) without hard drives	
Environment		Operating	Non-operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F) without BBU or supercap	-40 ~ 60 °C (-40 ~ 140 °F)
	Humidity	5 ~ 95%, non-condensing	5 ~ 95%, non-condensing

Front View

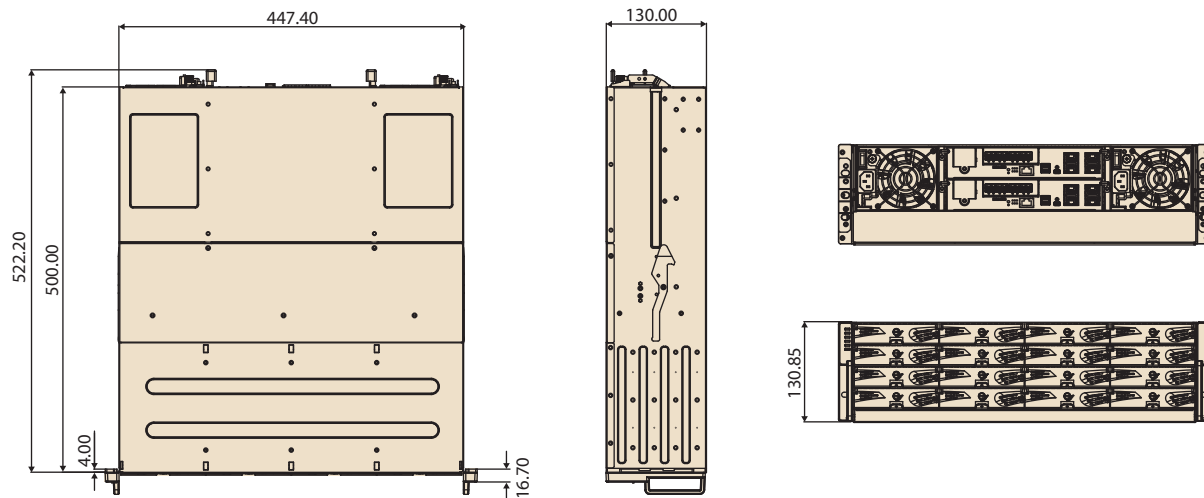


Rear View



Dimensions

Unit: mm



Ordering Information

Part Number	Description
ASR-5300I-16A1E	3U 16-bay single controller iSCSI disk array

System Contents

Description	Quantity
Mount kit	1

Compatible Drives

Part Number	Description
96HD2T-ST-WD7KE	WD 3.5" Enterprise SATA 2TB, 7Krpm, with 5-year warranty
96HD4TB-ST-WD7KE	WD 3.5" Enterprise SATA 4TB, 7Krpm, with 5-year warranty
96HD3TB-ST-SG5KA	Seagate 3.5" Surveillance SATA 3TB, 5Krpm, with 3-year warranty
96HD4TB-ST-SG5KA	Seagate 3.5" Surveillance SATA 4TB, 5Krpm, with 3-year warranty
96HD2TB-ST-SG7KE	Seagate 3.5" Enterprise SATA 2TB, 7Krpm, with 5-year warranty
96HD3TB-ST-SG7KE	Seagate 3.5" Enterprise SATA 3TB, 7Krpm, with 5-year warranty
96HD4TB-ST-SG7KE	Seagate 3.5" Enterprise SATA 4TB, 7Krpm, with 5-year warranty
96ND500G-ST-SG7K2	Seagate 2.5" Enterprise SATA 500GB, 7Krpm, with 5-year warranty
96ND1T-ST-SG7KE	Seagate 2.5" Enterprise SATA 1TB, 7Krpm, with 5-year warranty
96ND300G-SS-SG10KE	Seagate 2.5" Enterprise SAS 300GB, 10Krpm, with 5-year warranty
96ND600G-SS-SG10KE	Seagate 2.5" Enterprise SAS 600GB, 10Krpm, with 5-year warranty
96ND900G-SS-SG10KE	Seagate 2.5" Enterprise SAS 900GB, 10Krpm, with 5-year warranty

Optional Accessories

Part Number	Description
ASR-5300I-CBMB	Cache backup module, BBU+Flash
ASR-5300I-CBMC	Cache backup module, Super-capacitor+ Flash
ASR-5300I-8GB	8GB DDR-III DIM module
ASR-5300I-4GB	4GB DDR-III DIM module
ASR-5300I-2GB	2GB DDR-III DIM module