

ASR-5300I

3U 16-bay IP-SAN Storage with Reinforced Reliability for Surveillance



CE FCC

Features

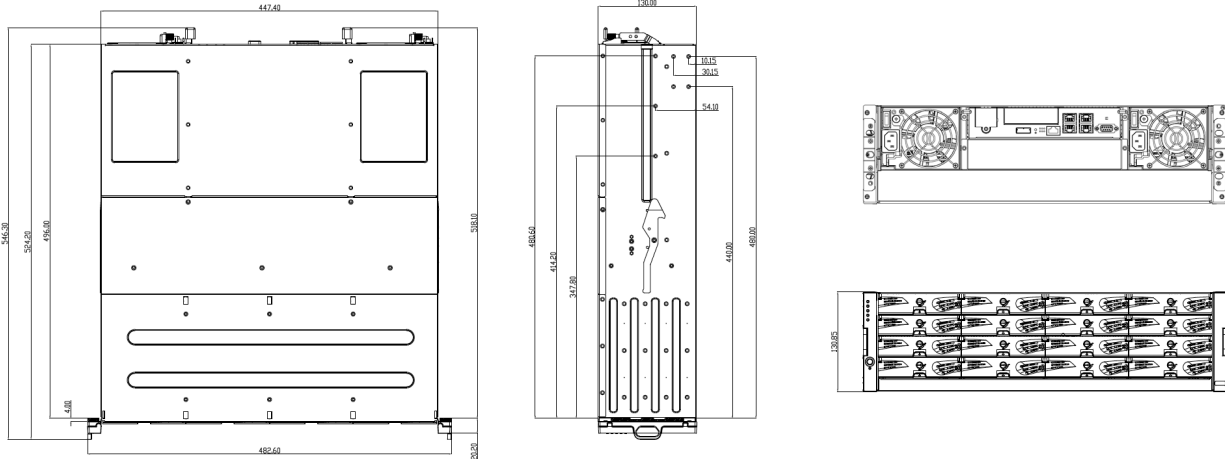
- Single Controller Configuration
- 3U16 (LFF) Short-Depth Form-Factor
- Built-in 4 x iSCSI 1Gb/s Host Interface
- Default 2GB Cache, Support up to 16GB
- Max 160 x 3.5"/2.5" SATA/SAS Drives
- Optional BBU/Super-Cap+Flash Module for Cache Backup
- Data Service Functions: Thin Provisioning, Snapshot, Volume Copy & Mirror

Specifications

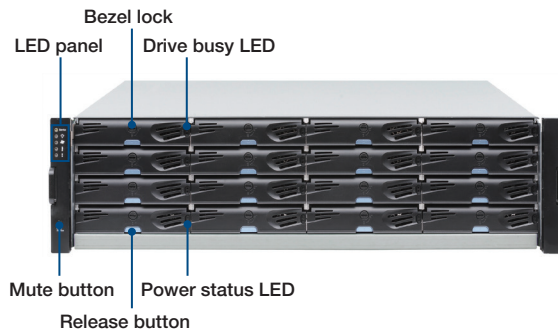
System	Form Factor	3U 16-Bay (LFF)	
	Configuration	Single Controller	
	Number of Drives	16-Bay (3.5")	
	Drive Type	6 Gb/s SAS, 6 Gb/s SATA	
	Cache Memory	Default 2 GB, up to 16 GB	
	JBOD Expansion	Yes, miniSAS	
	Max Drives	160 x 3.5" drives (with corresponding JBODs)	
	Default Host	4 x 1Gb/s iSCSI RJ45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

Dimensions

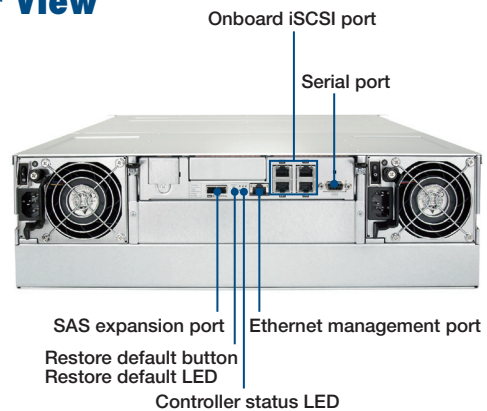
Unit: mm



Front View



Rear View



Order Information

Advantech P/N	Description
ASR-5300I-16A1E	3U-16 Bay Single Controller iSCSI Disk Array

System Contents

Description	Quantity
Mount kit	1

Compatible Drives

Advantech P/N	Description
96HD2T-ST-WD7KE	WD 3.5" Enterprise SATA 2TB, 7Krpm, 5 Year Warranty
96HD4TB-ST-WD7KE	WD 3.5" Enterprise SATA 4TB, 7Krpm, 5 Year Warranty
96HD3TB-ST-SG5KA	Seagate 3.5" Surveillance SATA 3TB, 5Krpm, 3 Year Warranty
96HD4TB-ST-SG5KA	Seagate 3.5" Surveillance SATA 4TB, 5Krpm, 3 Year Warranty
96HD2TB-ST-SG7KE	Seagate 3.5" Enterprise SATA 2TB, 7Krpm, 5 Year Warranty
96HD3TB-ST-SG7KE	Seagate 3.5" Enterprise SATA 3TB, 7Krpm, 5 Year Warranty
96HD4TB-ST-SG7KE	Seagate 3.5" Enterprise SATA 4TB, 7Krpm, 5 Year Warranty
96ND500G-ST-SG7K2	Seagate 2.5" Enterprise SATA 500GB, 7Krpm, 5 Year Warranty
96ND1T-ST-SG7KE	Seagate 2.5" Enterprise SATA 1TB, 7Krpm, 5 Year Warranty
96ND300G-SS-SG10KE	Seagate 2.5" Enterprise SAS 300GB, 10Krpm, 5 Year Warranty
96ND600G-SS-SG10KE	Seagate 2.5" Enterprise SAS 600GB, 10Krpm, 5 Year Warranty
96ND900G-SS-SG10KE	Seagate 2.5" Enterprise SAS 900GB, 10Krpm, 5 Year Warranty

Optional Parts

Advantech P/N	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