

Disk Drives

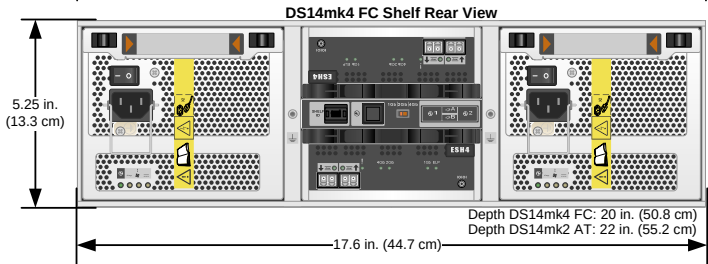
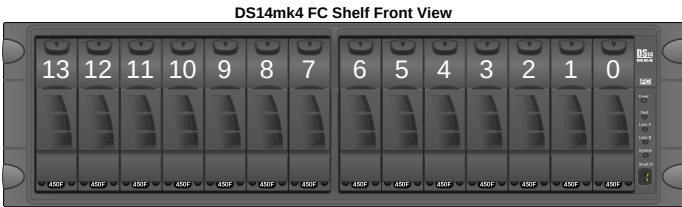
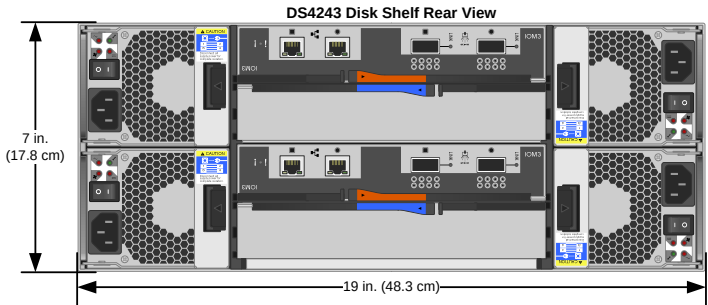
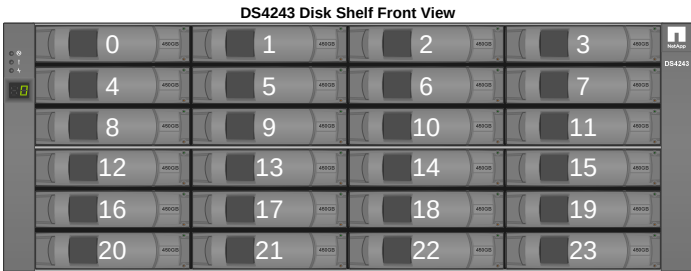
	Capacity	Part No.	RPM	EOA/EOS	Data ONTAP (min release)	VTL O/S (min release)	Interface (Gb/Sec)			DS14 Model		
							1	2	4	mk2	mk4	
FIBRE CHANNEL	72GB	X272A	10K	01.2005 04.2010	6.2	-						 300GB FC 10K RPM
	72GB	X272B-R5	10K	12.2006 12.2011	6.3.3 10.0.1	-						
	72GB	X273A	15K	05.2005 08.2010	6.3.3	-						
	72GB	X273B-R5	15K	12.2006 12.2011	6.4.5 10.0.1	-						
	144GB	X274A	10K	01.2005 04.2010	6.2	-						 300GB FC 15K RPM
	144GB	X274B-R5	10K	05.2008 06.2013	6.3.3 10.0	-						
	144GB	X275A-R5	15K	06.2007 06.2012	6.4.5 10.0.1	-						
	144GB	X278A-R5	15K	11.2009 12.2014	7.2.1 10.0.2	-						
	300GB	X276A-R5	10K	03.2009 04.2014	6.4.5 10.0	-						 750GB SATA
	300GB	X279A-R5	15K	-	7.2.1 10.0.2	-						
	450GB	X291A-R5	15K	-	7.2.5 10.0.4	-						
SAS	144GB	X286A-R5	15K	11.2009 12.2014	7.2.2	-						 450GB SAS
	300GB	X287A-R5	15K	-	7.2.2	-						
	300GB	X410A-R5	15K	-	7.3.2	-						 1TB SATA
	450GB	X289-R5	15K	-	7.2.5	-						
	450GB	X411A-R5	15K	-	7.3.2	-						
SATA	250GB	X262A	7.2K	08.2005 08.2010	7.0.1	-						 300GB SAS
	250GB	X262B-R5	7.2K	05.2008 06.2013	7.0.6 10.0	-						
	250GB	X280B-R5	7.2K	05.2008 06.2013	7.2.4	-						 1TB SATA
	320GB	X266A	5.4K	08.2005 08.2010	6.5	-						
	320GB	X266B-R5	7.2K	11.2006 12.2011	6.5.1	4.0						
	500GB	X267A-R5	7.2K	-	7.0.1 10.0	4.1						
	500GB	X282B-R5	7.2K	-	7.2.1	-						
	500GB	X310A-R5	7.2K	-	7.3.2	-						
	750GB	X268A-R5	7.2K	11.2009 12.2014	7.0.7 10.0.2	5.6						
	750GB	X283B-R5	7.2K	11.2009 12.2014	7.2.4	-						
	1000GB	X269A-R5	7.2K	-	7.2.3 10.0.3	5.6						
	1000GB	X298A-R5	7.2K	-	7.2.4	-						
	1000GB	X302A-R5	7.2K	-	7.3.2	-						



NetApp Hardware Universe – RC-0035-0909 – Side B – 2009-09-17

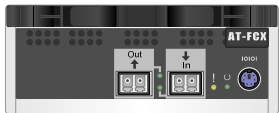
Shelf Enclosures

Model	Part Number	Weight	Disk	Rack	Power (Amps @100-120V)	Thermal (BTU/hr)	EOA/EOS	Data ONTAP (min release)	VTL O/S (min release)
DS14mk2	X550-R5 (shelf with AC PSUs) X551-R5 (shelf without PSUs) X511A-R5 (110/220VAC PSU only)	Empty 50.06 lb. (23 kg) With Drives 77 lb. (35 kg)	14	3U	10K RPM 72GB: 3.43A 144GB: 3.43A 300GB: 3.89A 15K RPM 72GB: 3.63A 144GB: 3.75A 300GB: 4.32A	10K RPM 72GB: 1,167 144GB: 1,167 300GB: 1,320 15K RPM 72GB: 1,234 144GB: 1,272 300GB: 1,470	05.2008 06.2013	6.4.1 10.0	-
DS14mk4	X553A-R5 (shelf with AC PSUs) X553A-DC-R5 (shelf with DC PSUs) X511A-R5 (110/220VAC PSU only)	Empty 50.06 lb. (23 kg) With Drives 77 lb. (35 kg)	14	3U	10K RPM 72GB: 3.01A 144GB: 3.36A 300GB: 3.78A 15K RPM 72GB: 3.65A 144GB: 3.45A 300GB: 4.27A	10K RPM 72GB: 1,020 144GB: 1,140 300GB: 1,287 15K RPM 72GB: 1,238 144GB: 1,174 300GB: 1,452	-	7.2.1 10.0.1	-
DS14mk2 AT	X562-R5 (shelf without PSUs) X511A-R5 (110/220VAC PSU only) DSX-7.0TB-QS-R5 (500GB drives) DSX-10.5TB-QS-R5 (750GB drives) DSX-14.0TB-QS-R5 (1TB drives)	Empty 50.06 lb. (23 kg) With Drives 77 lb. (35 kg)	14	3U	250GB: 2.72A 320GB: 3.12A 500GB: 2.90A 750GB: 3.22A 1000GB: 3.10A	250GB: 923 320GB: 1,058 500GB: 1,095 750GB: 1,050 1000GB: 1,050	-	6.5 10.0	4.0
DS4243	DS4243-1507-24S-QS-R5 (300GB drives) DS4243-1511-24S-QS-R5 (450GB drives) DS4243-0712-24A-QS-R5 (500GB drives) DS4243-0724-24A-QS-R5 (1TB drives)	Empty: 21.1 lb. (9.6 kg) W/O Drives: 53.7 lb. (24.4 kg) With Drives: 110 lb. (49.9 kg)	24	4U	SAS 300GB: 6.0A 450GB: 6.3A SATA 500GB: 4.4A 1000GB: 4.4A	SAS 300GB: 2,048 450GB: 2,150 SATA 500GB: 1,501 1000GB: 1,501	-	7.3.2	-



Shelf Interface Modules

Module	Platforms	Part Number	Interface	EOA/EOS	Data ONTAP (min release)	VTL O/S (min release)	Disk Shelf Model
LRC	FAS	X5501A Cu: DB9 X5502A Op: SC	IN: DB9 / SC OUT: DB9	03.2006 04.2011	-	-	mk2 mk4 mk2AT 4243
ESH	FAS	X5505A Cu: HSSDC2 X5506A Op: LC	IN: HSSDC2 / LC OUT: HSSDC2	05.2005 06.2010	6.2	-	mk2 mk4 mk2AT 4243
ESH2	FAS	X5511A-R5	IN: SFP OUT: SFP	05.2008 06.2013	6.5.1 10.0	-	mk2 mk4 mk2AT 4243
ESH4	FAS	X5512A-R5	IN: SFP OUT: SFP	-	7.2.1 10.0.1	-	mk2 mk4 mk2AT 4243
AT-FC	NearStore R150/200	X5610A Cu: HSSDC2 X5611A Op: LC	IN: HSSDC2 / LC OUT: HSSDC2	06.2006 06.2011	6.5	-	mk2 mk4 mk2AT 4243
AT-FC2	NearStore R150/200	X5613A	IN: SFP OUT: SFP	06.2006 06.2011	6.5.1	-	mk2 mk4 mk2AT 4243
AT-FCX	FAS, VTL	X5612A-R5	IN: SFP OUT: SFP	-	7.0.1 10.0	4.0	mk2 mk4 mk2AT 4243
IOM3	FAS	X5712A-R6	IN: QSFP OUT: QSFP	-	7.3.2	-	mk2 mk4 mk2AT 4243



Terms and Abbreviations

BTU – British Thermal Unit
Cu – Copper Connector
EOA – End of Availability
EOS – End of Support
ESH – Electronically Switched Hub
FAS – Fabric-Attached Storage
HSSDC – High-Speed Serial Data Connector
LC – Lucent Connector
LRC – Loop Resiliency Circuit
Op – Optical (connector)
SAS – Serial-attached SCSI
SATA – Serial ATA
RPM – Revolutions Per Minute
VTL – Virtual Tape Library

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