







ETERNUS Hybrid Storage Systems Comparison Chart

V23:

2018/10/24

Legend N/A: Not Available - : Not Applicable Yes: Supported

	Entry		Mid-range		Enterprise	
	ETERNUS DX60 S4 3.5 inch base unit/2.5 inch base unit	ETERNUS DX100 S4 3.5 inch base unit/2.5 inch base unit	ETERNUS DX200 S4 3.5 inch base unit/2.5 inch base unit	ETERNUS DX500 S4	ETERNUS DX600 S4	ETERNUS DX8900 S4
						







Hardware Specifications

Type	Rack mount		Rack mount		Rack mount		Rack mount		Rack mount		
Number of controllers	1	2	1	2	1	2	2	2	2-24		
Fibre Channel	4Gbit/s / 8Gbit/s / 16Gbit/s		4Gbit/s / 8Gbit/s / 16Gbit/s / 32Gbit/s		4Gbit/s / 8Gbit/s / 16Gbit/s / 32Gbit/s		4Gbit/s / 8Gbit/s / 16Gbit/s / 32Gbit/s		4Gbit/s / 8Gbit/s / 16Gbit/s / 32Gbit/s		
iSCSI	1Gbit/s [1000 BASE-T] / 10Gbit/s [10G BASE-T]		1Gbit/s [1000 BASE-T] 10Gbit/s [10GBASE-SR, 10GBASE-CR, 10GBASE-T]		1Gbit/s [1000 BASE-T] 10Gbit/s [10GBASE-SR, 10GBASE-CR, 10GBASE-T]		1Gbit/s / 10Gbit/s		1Gbit/s / 10Gbit/s		
SAS	6Gbit/s / 12Gbit/s		6Gbit/s / 12Gbit/s		6Gbit/s / 12Gbit/s		-		-		
FCoE	-		-		-		-		-		
Ethernet (NAS)	-		1Gbit/s / 10Gbit/s		1Gbit/s / 10Gbit/s		1Gbit/s / 10Gbit/s		1Gbit/s / 10Gbit/s		
Host interface type	CIFS [SMB 2.0]	-	-	Yes	-	Yes	Yes	Yes	Yes	-	
	CIFS [SMB 2.1]	-	-	Supporting following functions.	-	Supporting following functions. - large MTU	Supporting following functions. - large MTU	Supporting following functions. - large MTU	Supporting following functions. - large MTU	-	
	CIFS [SMB 3.0]	-	-	Supporting following functions.	-	Supporting following functions. - SMB Encryption	Supporting following functions. - SMB Encryption	Supporting following functions. - SMB Encryption	Supporting following functions. - SMB Encryption	-	
	NFS [NFS v2/3]	-	-	Yes	-	Yes	Yes	Yes	Yes	-	
	NFS [NFS v4]	-	-	Supporting following functions. - Stateful protocol - NFSv4 ACL	-	Supporting following functions. - Stateful protocol - NFSv4 ACL -File lock	Supporting following functions. - Stateful protocol - NFSv4 ACL -File lock	Supporting following functions. - Stateful protocol - NFSv4 ACL -File lock	Supporting following functions. - Stateful protocol - NFSv4 ACL -File lock	-	
	FTP	-	-	Yes	-	Yes	Yes	Yes	Yes	-	
FXP	-	-	Yes	-	Yes	Yes	Yes	Yes	-		
Number of host interfaces	Fibre Channel 16G	2	4	2 or 4	4 or 8	2 or 4	4 or 8	4-16	4-32 (4-16 for 100V model)	4-384	
	Fibre Channel 32G	-	-	2 or 4	4 or 8	2 or 4	4 or 8	4 or 8	4-16 (4/8 for 100V model)	4-384	
	iSCSI	2	4	2 or 4	4 or 8	2 or 4	4 or 8	4 or 8	4-16 (4/8 for 100V model)	4-192	
	SAS	2	4	2 or 4	4 or 8	2 or 4	4 or 8	-	-	-	
	FCoE	-	-	-	-	-	-	-	-	-	
	Ethernet 1G (NAS)	-	-	-	8 or 16	-	8 or 16	4-16	4-32 (4-16 for 100V model)	-	
Ethernet 10G (NAS)	-	-	-	4 or 8	-	4 or 8	4-16	4-16 (4/8 for 100V model)	-		
Mixed host interface	-	-	Yes	-	Yes	-	Yes	Yes	Yes		
Maximum system memory	8GB		32GB		64GB		256GB		512GB		
Extreme Cache (EXC) Capacity	-		-		-		1.4 - 5.6 TB (Excluding 100V model)		1.4 - 5.6 TB (Excluding 100V model)		
Extreme Cache Pool Capacity	-		1.6TB (Only SSD400GB)		1.6TB (Only SSD400GB)		3.2TB (Only SSD400GB)		3.2TB (Only SSD400GB)		
Number of Fronted Enclosure	-		-		-		-		1		
Number of DEs(Drive Enclosure)	Max. 3		Max. 10 (2.5+3.5DE) Only 2.5 DE: Max.5 Only 3.5 DE: Max.10		Max. 10 (2.5+3.5DE+HD-DE) Only 2.5 DE: Max.5 Only 3.5 DE: Max.10 Only HD-DE: Max.2		Max. 10 (2.5+3.5DE) Only 2.5 DE: Max.10 Only 3.5 DE: Max.10 Only HD-DE: Max. 4		Max. 22 (2.5+3.5DE+HD-DE) Only 2.5 DE: Max.22 Only 3.5 DE: Max.22 Only HD-DE: Max.8		
Mixed 2.5/3.5/HD-DE	2.5"DE/3.5"DE		2.5"DE/3.5"DE		2.5"DE/3.5"DE		2.5/3.5/HD-DE		2.5/3.5/HD-DE		
Reverse cabling of DE	Yes		Yes		Yes		Yes		Yes		
Number of Disk drives	per system	Max. 96 Max. no. of SSDs is eight		Max. 144		Max. 264		Max. 528		Max. 1056	
	per 2.5 DE	24		24		24		24		24	
	per 3.5 DE	12		12		12		12		12	
	per High Density DE (HD-DE)	-		60		60		60		60	

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			Entry			Mid-range		Enterprise	
			ETERNUS DX60 S4 <small>3.5 inch base unit/2.5 inch base unit</small>	ETERNUS DX100 S4 <small>3.5 inch base unit/2.5 inch base unit</small>	ETERNUS DX200 S4 <small>3.5 inch base unit/2.5 inch base unit</small>	ETERNUS DX500 S4	ETERNUS DX600 S4	ETERNUS DX8900 S4	
									
Supported disk drives	2.5" CE/DE	SAS	900GB (15,000rpm) 600GB (15,000rpm) 300GB (15,000rpm) 2.4TB (10,000rpm, AF [Advanced Format disk drive]) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm) 600GB (10,000rpm) 300GB (10,000rpm)	900GB (15,000rpm) 600GB (15,000rpm) 300GB (15,000rpm) 2.4TB (10,000rpm, AF) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm) 600GB (10,000rpm) 300GB (10,000rpm)	900GB (15,000rpm) 600GB (15,000rpm) 300GB (15,000rpm) 2.4TB (10,000rpm, AF) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm) 600GB (10,000rpm) 300GB (10,000rpm)	900GB (15,000rpm) 600GB (15,000rpm) 300GB (15,000rpm) 2.4TB (10,000rpm, AF) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm) 600GB (10,000rpm) 300GB (10,000rpm)	900GB (15,000rpm) 600GB (15,000rpm) 300GB (15,000rpm) 2.4TB (10,000rpm, AF) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm) 600GB (10,000rpm) 300GB (10,000rpm)	900GB (15,000rpm) 600GB (15,000rpm) 300GB (15,000rpm) 2.4TB (10,000rpm, AF) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm) 600GB (10,000rpm) 300GB (10,000rpm)	
		SAS (SED)	-	2.4TB (10,000rpm, AF) 1.2TB (10,000rpm)	2.4TB (10,000rpm, AF) 1.2TB (10,000rpm)	2.4TB (10,000rpm, AF) 1.2TB (10,000rpm)	2.4TB (10,000rpm, AF) 1.2TB (10,000rpm)	2.4TB (10,000rpm, AF) 1.2TB (10,000rpm)	2.4TB (10,000rpm, AF) 1.2TB (10,000rpm)
		Nearline SAS	2TB (7,200rpm, AF) 1TB (7,200rpm)	2TB (7,200rpm, AF) 1TB (7,200rpm)	2TB (7,200rpm, AF) 1TB (7,200rpm)	2TB (7,200rpm, AF) 1TB (7,200rpm)	2TB (7,200rpm, AF) 1TB (7,200rpm)	2TB (7,200rpm, AF) 1TB (7,200rpm)	2TB (7,200rpm, AF)
		Enterprise SSD	3.84TB 1.92TB 960GB 400GB	30.72TB 15.36TB 7.68TB 3.84TB 1.92TB 960GB 400GB	30.72TB 15.36TB 7.68TB 3.84TB 1.92TB 960GB 400GB	30.72TB 15.36TB 7.68TB 3.84TB 1.92TB 960GB 400GB	30.72TB 15.36TB 7.68TB 3.84TB 1.92TB 960GB 400GB	30.72TB 15.36TB 7.68TB 3.84TB 1.92TB 960GB 400GB	30.72TB 15.36TB 7.68TB 3.84TB 1.92TB 960GB 400GB
		Enterprise SSD (SED)	-	7.68TB 3.84TB 1.92TB 400GB	7.68TB 3.84TB 1.92TB 400GB	7.68TB 3.84TB 1.92TB 400GB	7.68TB 3.84TB 1.92TB 400GB	7.68TB 3.84TB 1.92TB 400GB	7.68TB 3.84TB 1.92TB
	3.5" CE/DE	SAS	2.4TB (10,000rpm, AF) 1.8TB (10,000rpm, AF) 1.2TB (10,000rpm) 900GB (10,000rpm)	-	-	-	-	-	
		Nearline SAS	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm)	
		Nearline SAS (SED)	-	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)
		Enterprise SSD	400GB	3.84TB 1.92TB 960GB 400GB	3.84TB 1.92TB 960GB 400GB	3.84TB 1.92TB 960GB 400GB	3.84TB 1.92TB 960GB 400GB	3.84TB 1.92TB 960GB 400GB	-
		Enterprise SSD (SED)	-	3.84TB 1.92TB 400GB	3.84TB 1.92TB 400GB	3.84TB 1.92TB 400GB	3.84TB 1.92TB 400GB	3.84TB 1.92TB 400GB	-
	HD-DE	SAS	-	-	1.2TB (10,000rpm)	-	1.2TB (10,000rpm)	1.2TB (10,000rpm)	-
		Nearline SAS	-	-	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	-	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 10TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm) 2TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 6TB (7,200rpm, AF) 4TB (7,200rpm)
		Nearline SAS (SED)	-	-	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	-	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)	12TB (7,200rpm, AF) 8TB (7,200rpm, AF) 4TB (7,200rpm)
		Enterprise SSD	-	-	3.84TB 1.92TB	-	3.84TB 1.92TB	3.84TB 1.92TB	-

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Maximum storage capacity (with expansion, depending on drive type)		576TB		4,424 TB		8,110 TB		16,220 TB	32,440 TB	141PB
Dimensions	Width	482mm		482mm		482mm		482mm	482mm	482mm
	Depth	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm	2.5" DE: 540mm
		3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm	3.5" DE: 560mm
		2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm	2.5" CE: 645mm
Height	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]	CE: 88mm[2U]
	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]	DE: 88mm [2U]
Weight	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg	2.5"DE/3.5"DE:35kg
	CE:35kg	CE:35kg	CE:35kg	CE:35kg	CE:35kg	CE:35kg	CE:35kg	CE:35kg	CE:35kg	CE:35kg
Maximum weight		140kg		385kg		470kg		994kg	1,934kg	12,880kg
AC power	Voltage	AC100V-120V/AC200- 240V		AC100V-120V/AC200- 240V		AC100V-120V/AC200- 240V		AC100V-120V/AC200- 240V	AC100V-120V/AC200- 240V	AC200- 240V
	Phase	Single phase		Single phase		Single phase		Single phase	Single phase	Single phase
	Frequency	50Hz or 60Hz		50Hz or 60Hz		50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Maximum power consumption	AC100-120V	1,900 [W]		4,170 [W]		6,720 [W]		13,210 [W]	26,320 [W]	-
	AC200-240V	1,890 [W]		4,170 [W]		6,720 [W]		13,320 [W]	26,520 [W]	168,560 [W]
Power plug type	AC100-120V	NEMA 5-15P		NEMA 5-15P		NEMA 5-15P		NEMA 5-15P	NEMA 5-15P	-
	AC200-240V	NEMA L6-15P NEMA L6-20P (ACS) NEMA L6-30P (ACS)		NEMA L6-15P NEMA L6-20P (ACS) NEMA L6-30P (ACS)		NEMA L6-15P NEMA L6-20P (ACS) NEMA L6-30P (ACS)		NEMA L6-15P NEMA L6-20P (ACS) NEMA L6-30P (ACS)	NEMA L6-15P NEMA L6-20P (ACS) NEMA L6-30P (ACS)	NEMA L6-15P NEMA L6-30P(ACS)







Functional Specifications

Data Protection										
RAID levels	RAID0	Yes		Yes		Yes		Yes	Yes	Yes
	RAID1	Yes		Yes		Yes		Yes	Yes	Yes
	RAID1+0	Yes		Yes		Yes		Yes	Yes	Yes
	RAID5	Yes		Yes		Yes		Yes	Yes	Yes
	RAID5+0	Yes		Yes		Yes		Yes	Yes	Yes
	RAID6	Yes		Yes		Yes		Yes	Yes	Yes
Data block guard	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Data encryption	-		Yes		Yes		Yes	Yes	Yes	Yes
Cache protection	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Disk drive patrol	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Global hot spare	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Dedicated hot spare	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Fast recovery	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Storage Cluster	-		Yes		Yes		Yes	Yes	Yes	Yes
NAS Data Store	Maximum capacity	-		256TB		512TB		512TB	1024TB	-
	No. of NAS Volumes	-		4 (2 x operations, 2 x backups)		8 (4 x operations, 4 x backups)		8 (4 x operations, 4 x backups)	16 (8 x operations, 8 x backups)	-
	Block size	-		8, 32, or 256KB		8, 32, or 256KB		8, 32, or 256KB	8, 32, or 256KB	-
Copy										
Advanced Copy function	Available Copy under SAN environment	EC/OPC/QuickOPC/ SnapOPC/SnapOPC+		EC/OPC/QuickOPC/ SnapOPC/SnapOPC+		EC/OPC/QuickOPC/ SnapOPC/SnapOPC+		EC/OPC/QuickOPC/ SnapOPC/SnapOPC+	EC/OPC/QuickOPC/ SnapOPC/SnapOPC+	EC/OPC/QuickOPC/SnapOPC/SnapOPC+
	Available Copy under NAS environment	-		QuickOPC/SnapOPC+		QuickOPC/SnapOPC+		QuickOPC/SnapOPC+	QuickOPC/SnapOPC+	-
	Copy management software	ETERNUS SF AdvancedCopy Manager/ ETERNUS SF Express (SnapOPC+only) ETERNUS VSS Hardware Provider		ETERNUS SF AdvancedCopy Manager/ ETERNUS SF Express (SnapOPC+only) ETERNUS VSS Hardware Provider		ETERNUS SF AdvancedCopy Manager/ ETERNUS SF Express (SnapOPC+only) ETERNUS VSS Hardware Provider		ETERNUS SF AdvancedCopy Manager/ ETERNUS VSS Hardware Provider	ETERNUS SF AdvancedCopy Manager/ ETERNUS VSS Hardware Provider	ETERNUS SF AdvancedCopy Manager/ ETERNUS VSS Hardware Provider
Remote Advanced Copy function		-		REC (both SAN and copied NAS volume)		REC (both SAN and copied NAS volume)		REC (both SAN and copied NAS volume)	REC (both SAN and copied NAS volume)	REC
	Copy management software	-		ETERNUS SF AdvancedCopy Manager		ETERNUS SF AdvancedCopy Manager		ETERNUS SF AdvancedCopy Manager	ETERNUS SF AdvancedCopy Manager	ETERNUS SF AdvancedCopy Manager
Data Migration										
Online Storage Migration	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Offline Storage Migration	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Non-disruptive Storage Migration	Yes		Yes		Yes		Yes	Yes	Yes	Yes
Energy saving										
Eco-mode (MAID)		Yes		Yes		Yes		Yes	Yes	Yes
	Management software for Eco-mode	ETERNUS SF Storage Cruiser/ ETERNUS SF Express		ETERNUS SF Storage Cruiser/ ETERNUS SF Express		ETERNUS SF Storage Cruiser/ ETERNUS SF Express		ETERNUS SF Storage Cruiser	ETERNUS SF Storage Cruiser	ETERNUS SF Storage Cruiser

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Virtualization											
Thin Provisioning function		N/A	Yes	N/A	Yes	N/A	Yes	Yes	Yes	Yes	
Management software for Thin Provisioning		-	ETERNUS SF Storage Cruiser/ETERNUS SF Express	-	ETERNUS SF Storage Cruiser/ETERNUS SF Express	-	ETERNUS SF Storage Cruiser/ETERNUS SF Express	ETERNUS SF Storage Cruiser	ETERNUS SF Storage Cruiser	ETERNUS SF Storage Cruiser	
Thin Provisioning		-	48	-	72	-	132	256	256	256	
Number of pool (Thin Provisioning Pool+Flexible Tier Sub Pool)		-	48	-	72	-	132	256	256	256	
De-duplication *1		-	-	-	-	Yes	Yes	Yes	Yes	-	
Compression *1		-	-	-	-	Yes	Yes	Yes	Yes	Yes	
Automated tiering (Flexible tier)		-	-	N/A	Yes (with Storage Cruiser Optimization Option)	N/A	Yes (with Storage Cruiser Optimization Option)	Yes (with Storage Cruiser Optimization Option)	Yes (with Storage Cruiser Optimization Option)	Yes (with Storage Cruiser Optimization Option)	
Dynamic configuration											
RAID migration		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Logical Device Expansion(LDE)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
LUN concatenation		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Performance											
Performance tuning		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Stripe size		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Cache partitioning		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Wide striping		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Quality of Service		-	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	(with Storage Cruiser Quality of Service Management Option)	
I/O offload		-	-	-	-	-	-	-	-	-	
Security Features											
HTTPS(SSL)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SSH		Yes(v2 only)	Yes(v2 only)	Yes(v2 only)	Yes(v2 only)	Yes(v2 only)	Yes(v2 only)	Yes(v2 only)	Yes(v2 only)	Yes	
iSCSI		CHAP, Bidirectional CHAP		CHAP, Bidirectional CHAP		CHAP, Bidirectional CHAP		CHAP, Bidirectional CHAP		CHAP, Bidirectional CHAP	
Authentication server		RADIUS		RADIUS		RADIUS		RADIUS		RADIUS	
Role based access control		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Audit log		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Key management server linkage		N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Serviceability											
Non-disruptive firmware upgrade		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Easy firmware upgrade		Yes(only Update & Reboot Mode)	Yes	Yes(only Update & Reboot Mode)	Yes	Yes(only Update & Reboot Mode)	Yes	Yes	Yes	Yes	
Hot part replace		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Hot part expansion		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Field model upgrade		Yes	Yes	Yes	Yes	N/A	Yes	N/A	N/A	-	
System Management											
Remote installation		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

This matrix is correct as of dated right above. Contents are subject to change without notice.
*1: Deduplication/Compression is not supported when Unified function is enabled.