



Stonefly Scalable IP SAN Appliances

Stonefly Scalable IP SAN Appliances	ISC, ISC-S Series	Voyager Series		OptiSAN Series	
	<p>Base Unit (1602S pictured) Expansion Unit (1602E pictured)</p>	<p>Base Unit Expansion Unit</p>	<p>Base Unit Expansion Unit</p>		
Common Features	<ul style="list-style-type: none"> - High Performance - Snapshot: Writeable, mountable - Synchronous Mirroring - Campus Mirroring (iSCSI mirroring) - Asynchronous Replication/Mirroring 	<ul style="list-style-type: none"> - Scheduled replication/snapshots - Online volume, storage expansion - Volume cloning - iSCSI port failover, teaming, load balancing - HW Raid 0,1,5,6,10,50,60 with battery backup 	<ul style="list-style-type: none"> - Jumbo frame support - Encryption, Volume/Block based, AES 256 - Quad core processors - Web based GUI - VSS HW provider / agents 		
iSCSI Ports- Base unit	ISC-401, 401S: 3x1Gb, Optional: 5x1Gb ISC-802S, 1602S, 2402S: 6x1Gb Optional: 1 or 2x10Gb(Copper or Optical)	Standard: 6x1Gb Optional: 10x1Gb, 2x10Gb, 4x10Gb (CX4, SFP+ Copper or SR, LR Optical)	Standard: 6x1Gb Optional: 10x1Gb, 2x10Gb, 4x10Gb (CX4, SFP+ Copper or SR, LR Optical)		
Hot Swap Power Supplies	Base Unit or Expansion Unit: 2	6	2	6	2
# of Hot Swap Drives (per unit)	ISC-401, 401S: 4 SATAII/SAS/SSD ISC-802S: 4,8 SATAII/SAS/SSD ISC-1602S, 1602E: 8,16 SATAII/SAS/SSD ISC-2402S, 2402E: 12,24 SATAII/SAS/SSD	½ populated: 8 Full: 16 SATAII, SAS, SSD	½ populated: 8 Full: 16 SATA-II, SAS, SSD	½ populated: 8 Full: 16 SATAII, SAS, SSD	½ populated: 8 Full: 16 SATAII, SAS, SSD
SATAII Capacity (Raw) (TeraBytes)	ISC-401, 401S: 4, 8 ISC-802S: 4, 8, 16 ISC-1602S, 1602E: 8, 16, 32 ISC-2402S, 2402E: 12, 24, 48	½ populated: 8, 16 Full: 16, 32	½ populated: 8, 16 Full: 16, 32	½ populated: 8, 16 Full: 16, 32	½ populated: 8, 16 Full: 16, 32
SAS (15K) Capacity (Raw) (TeraBytes)	ISC-401S: 0.58,1.2,1.8,2.4 ISC-802S: 0.58,1.2,1.8,2.4,3.6,4.8 ISC-1602S, 1602E: 1.2,2.4,3.6,4.8,7.2,9.6 ISC-2402S, 2402E: 1.7,3.6,5.4,7.2,10.8,14.4	½ populated: 1.1,2.4,3.6,4.8 Full: 2.3,4.8,7.2,9.6	½ populated: 1.1,2.4,3.6,4.8 Full: 2.3,4.8,7.2,9.6	½ populated: 1.1,2.4,3.6,4.8 Full: 2.3,4.8,7.2,9.6	½ populated: 1.1,2.4,3.6,4.8 Full: 2.3,4.8,7.2,9.6
SSD Capacity (Raw) (GigaBytes)	ISC-401S: 256 ISC-802S: 256, 512 ISC-1602S, 1602E: 512, 1024 ISC-2402S, 2402E: 768, 1536	½ populated: 512 Full: 1024	½ populated: 512 Full: 1024	½ populated: 512 Full: 1024	½ populated: 512 Full: 1024
Rack space Requirements	ISC-401, ISC-401S: 1U ISC-802S: 2U ISC-1602S, 1602E: 3U ISC-2402S, 2402E: 4U	5U	3U per unit	5U	3U per unit
Active/Active Storage	No	Yes		Yes	
Software Upgrade	Offline	Online		Online	
Max # of drives	96 Drives (Base Unit + Expansion Units)	128 Drives (Base Unit + Expansion Units)		256 Drives (Base Unit + Expansion Units)	
Campus cluster mirror	No	No		Yes	