











Stonefly Scalable IP SAN Appliances

Stonefly Scalable IP SAN Appliances	ISC-6GS Series		Voyager-TSC Series		Voyager Series		OptiSAN Series	
								
	Base Unit (1604-6GS pictured)	Expansion Unit (1604E pictured)	Base Unit	Expansion Unit	Base Unit	Expansion Unit	Base Unit	Expansion Unit
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 / snapshot agents 			
iSCSI Ports- Base unit	Standard: 5x1Gb Optional: 7x,9x,11x1Gb, 1x,2x,4x10Gb (CX4, SFP+ Copper, Optical)		Standard: 6x1Gb Optional: 10x1Gb, 2x,4x10Gb (CX4, SFP+ Copper, Optical)		Standard: 6x1Gb Optional: 10x1Gb, 2x,4x10Gb (CX4, SFP+ Copper, Optical)		Standard: 6x1Gb Optional: 10x1Gb, 2x,4x10Gb (CX4, SFP+ Copper, Optical)	
Hot Swap Power Supplies	Base Unit or Expansion Unit: 2		4	2	6	2	6	2
# of Hot Swap Drives per unit (SATA,SAS,SSD)	ISC804-6GS: 4, 8 ISC1604-6GS/E: 8, 16 ISC2404-6GS/E: 12, 24 ISC3604-6GS: 18, 36		TSC12: 6, 12 TSC16: 8, 16	TSC12: 6, 12 TSC16: 8, 16	½ full: 8 Full: 16	½ full: 8 Full: 16	½ full: 8 Full: 16	½ full: 8 Full: 16
SATA-3/6G Capacity (Raw)(Terabytes)	ISC804-6GS: 4, 8, 16 ISC1604-6GS/E: 8, 16, 32 ISC-2404-6GS/E: 12, 24, 48 ISC3604-6GS: 18, 36, 72		TSC12: 6,12,24 TSC16: 8,16,32	TSC12: 6,12,24 TSC16: 8,16,32	½ full: 8, 16 Full: 16, 32	½ full: 8, 16 Full: 16, 32	½ full: 8, 16 Full: 16, 32	½ full: 8, 16 Full: 16, 32
SAS-6G-15K Capacity (Raw) (Terabytes)	ISC804-6GS: 1.2, 1.8, 2.4, 3.6, 4.8 ISC1604-6GS/E: 2.4, 3.6, 4.8, 7.2, 9.6 ISC2404-6GS/E: 3.6, 5.4, 7.2, 10.8, 14.4 ISC3604-6GS/E: 5.4, 8.1, 10.8, 16.2, 21.6		<u>TSC12</u> : 1.8, 2.7, 3.6, 5.4, 7.2 <u>TSC16</u> : 2.4, 3.6, 4.8, 7.2, 9.6	<u>TSC12</u> : 1.8, 2.7, 3.6, 5.4, 7.2 <u>TSC16</u> : 2.4, 3.6, 4.8, 7.2, 9.6	½ full: 2.4, 3.6, 4.8 Full: 4.8, 7.2, 9.6	½ full: 2.4, 3.6, 4.8 Full: 4.8, 7.2, 9.6	½ full: 2.4, 3.6, 4.8 Full: 4.8, 7.2, 9.6	½ full: 2.4, 3.6, 4.8 Full: 4.8, 7.2, 9.6
SSD Capacity (Raw)(GigaBytes)	ISC804-6GS: 256, 512, 960, 1920 ISC1604-6GS/E: 512, 1024, 1920, 3840 ISC2404-6GS/E: 768, 1536, 2880, 5760 ISC3604-6GS: 1152, 2304, 4320, 8640		<u>ISC12</u> : 384, 768, 1440, 2880 <u>ISC16</u> : 512, 1024, 1920, 3840	<u>ISC12</u> : 384, 768, 1440, 2880 <u>ISC16</u> : 512, 1024, 1920, 3840	½ full: 512, 1920 Full: 1024, 3840	½ full: 512, 1920 Full: 1024, 3840	½ full: 512, 1920 Full: 1024, 3840	½ full: 512, 1920 Full: 1024, 3840
Rack space Requirements	ISC804-6GS: 2U ISC1604-6GS/E: 3U ISC2404-6GS/E: 4U ISC3604-6GS: 4U		TSC12: 4U TSC16: 5U	TSC12: 2U TSC16: 3U	5U	3U	5U	3U
Active/Active Storage	No		Yes		Yes		Yes	
Software Upgrade	Offline		Online		Online		Online	
Max # of drives	108 Drives (Base Unit + Expansion Units)		TSC12: 120, TSC16: 160 (Base Unit + Expansion Units)		256 (Base Unit + Expansion Units)		448 (Base Unit + Expansion Units)	
Campus cluster mirror	No		No		No		Yes	

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