

## Your performance WILL vary

Worker count = 1

11/14/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate SSHD 15K+ 600GB 2.5" 6Gb SAS HBA RAW (Non-filesystem)

Seagate SSHD 15K

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	STX SSHD Turbo Avg. Resp (R+W) ms	STX SSHD Turbo Avg. IOP Sec (R+W)	STX SSHD Turbo Bandwidth KB Sec (R+W)
4KB	1	100% Seq 100% Read	480	300	15,799,872	63,199,488.0	0.0	-	-	-	15,799,872	63,199,488.0	0.0	52,666	210,664
4KB	2	60% Seq 100% Read	480	300	150,110	600,440.0	2.0	-	-	-	150,110	600,440.0	2.0	500	2,001
4KB	3	30% Seq 100% Read	480	300	86,781	347,124.0	3.5	-	-	-	86,781	347,124.0	3.5	289	1,157
4KB	4	0% Seq 100% Read	480	300	60,921	243,684.0	4.9	-	-	-	60,921	243,684.0	4.9	203	812
4KB	5	100% Seq 60% Read	480	300	2,011,062	8,044,248.0	0.0	1,340,355	5,361,420.0	0.2	3,351,417	13,405,668.0	0.1	11,171	44,685
4KB	6	60% Seq 60% Read	480	300	109,589	438,356.0	2.4	72,758	291,032.0	0.5	182,347	729,388.0	1.6	607	2,431
4KB	7	30% Seq 60% Read	480	300	64,666	258,664.0	4.3	43,475	173,900.0	0.6	108,141	432,564.0	2.8	360	1,441
4KB	8	0% Seq 60% Read	480	300	46,690	186,760.0	6.0	30,930	123,720.0	0.6	77,620	310,480.0	3.9	258	1,034
4KB	9	100% Seq 30% Read	480	300	885,104	3,540,416.0	0.0	2,063,850	8,255,400.0	0.1	2,948,954	11,795,816.0	0.1	9,829	39,319
4KB	10	60% Seq 30% Read	480	300	70,326	281,304.0	2.8	163,185	652,740.0	0.6	233,511	934,044.0	1.3	778	3,113
4KB	11	30% Seq 30% Read	480	300	41,691	166,764.0	5.4	96,884	387,536.0	0.8	138,575	554,300.0	2.2	461	1,847
4KB	12	0% Seq 30% Read	480	300	29,911	119,644.0	7.8	70,142	280,568.0	0.9	100,053	400,212.0	3.0	333	1,334
4KB	13	100% Seq 0% Read	480	300	-	-	-	2,743,512	10,974,048.0	0.1	2,743,512	10,974,048.0	0.1	9,145	36,580
4KB	14	60% Seq 0% Read	480	300	-	-	-	377,032	1,508,128.0	0.8	377,032	1,508,128.0	0.8	1,256	5,027
4KB	15	30% Seq 0% Read	480	300	-	-	-	220,713	882,852.0	1.4	220,713	882,852.0	1.4	735	2,942
4KB	16	0% Seq 0% Read	480	300	-	-	-	156,918	627,672.0	1.9	156,918	627,672.0	1.9	523	2,092

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8KB	18	100% Seq 100% Read	480	300	8,141,218	65,129,744.0	0.0	-	-	-	8,141,218	65,129,744.0	0.0	27,137	217,099
8KB	19	60% Seq 100% Read	480	300	146,277	1,170,216.0	2.1	-	-	-	146,277	1,170,216.0	2.1	487	3,900
8KB	20	30% Seq 100% Read	480	300	85,690	685,520.0	3.5	-	-	-	85,690	685,520.0	3.5	285	2,285
8KB	21	0% Seq 100% Read	480	300	60,157	481,256.0	5.0	-	-	-	60,157	481,256.0	5.0	200	1,604
8KB	22	100% Seq 60% Read	480	300	1,329,084	10,632,672.0	0.1	886,567	7,092,536.0	0.2	2,215,651	17,725,208.0	0.1	7,385	59,084
8KB	23	60% Seq 60% Read	480	300	107,575	860,600.0	2.5	71,147	569,176.0	0.5	178,722	1,429,776.0	1.7	595	4,765
8KB	24	30% Seq 60% Read	480	300	64,311	514,488.0	4.3	43,081	344,648.0	0.6	107,392	859,136.0	2.8	357	2,863
8KB	25	0% Seq 60% Read	480	300	46,117	368,936.0	6.1	30,819	246,552.0	0.6	76,936	615,488.0	3.9	256	2,051
8KB	26	100% Seq 30% Read	480	300	619,779	4,958,232.0	0.1	1,449,887	11,599,096.0	0.2	2,069,666	16,557,328.0	0.1	6,898	55,191
8KB	27	60% Seq 30% Read	480	300	68,185	545,480.0	3.2	158,725	1,269,800.0	0.5	226,910	1,815,280.0	1.3	756	6,050
8KB	28	30% Seq 30% Read	480	300	41,411	331,288.0	5.5	96,465	771,720.0	0.7	137,876	1,103,008.0	2.2	459	3,676
8KB	29	0% Seq 30% Read	480	300	29,753	238,024.0	7.9	69,913	559,304.0	0.9	99,666	797,328.0	3.0	332	2,657
8KB	30	100% Seq 0% Read	480	300	-	-	-	2,208,502	17,668,016.0	0.1	2,208,502	17,668,016.0	0.1	7,361	58,893
8KB	31	60% Seq 0% Read	480	300	-	-	-	364,794	2,918,352.0	0.8	364,794	2,918,352.0	0.8	1,215	9,727
8KB	32	30% Seq 0% Read	480	300	-	-	-	218,000	1,744,000.0	1.4	218,000	1,744,000.0	1.4	726	5,813
8KB	33	0% Seq 0% Read	480	300	-	-	-	154,994	1,239,952.0	1.9	154,994	1,239,952.0	1.9	516	4,133

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16KB	35	100% Seq 100% Read	480	300	4,060,632	64,970,112.0	0.1	-	-	-	4,060,632	64,970,112.0	0.1	13,535	216,567
16KB	36	60% Seq 100% Read	480	300	141,853	2,269,648.0	2.1	-	-	-	141,853	2,269,648.0	2.1	472	7,565
16KB	37	30% Seq 100% Read	480	300	84,279	1,348,464.0	3.6	-	-	-	84,279	1,348,464.0	3.6	280	4,494
16KB	38	0% Seq 100% Read	480	300	59,461	951,376.0	5.0	-	-	-	59,461	951,376.0	5.0	198	3,171
16KB	39	100% Seq 60% Read	480	300	871,624	13,945,984.0	0.1	580,362	9,285,792.0	0.3	1,451,986	23,231,776.0	0.2	4,839	77,439
16KB	40	60% Seq 60% Read	480	300	102,692	1,643,072.0	2.6	68,832	1,101,312.0	0.5	171,524	2,744,384.0	1.7	571	9,147
16KB	41	30% Seq 60% Read	480	300	63,126	1,010,016.0	4.4	42,633	682,128.0	0.5	105,759	1,692,144.0	2.8	352	5,640
16KB	42	0% Seq 60% Read	480	300	45,956	735,296.0	6.1	30,407	486,512.0	0.6	76,363	1,221,808.0	3.9	254	4,072
16KB	43	100% Seq 30% Read	480	300	432,739	6,923,824.0	0.1	1,010,745	16,171,920.0	0.2	1,443,484	23,095,744.0	0.2	4,811	76,985
16KB	44	60% Seq 30% Read	480	300	64,888	1,038,208.0	3.5	150,426	2,406,816.0	0.5	215,314	3,445,024.0	1.4	717	11,483
16KB	45	30% Seq 30% Read	480	300	40,305	644,880.0	6.1	93,672	1,498,752.0	0.6	133,977	2,143,632.0	2.2	446	7,145
16KB	46	0% Seq 30% Read	480	300	29,228	467,648.0	8.0	69,281	1,108,496.0	1.0	98,509	1,576,144.0	3.0	328	5,253
16KB	47	100% Seq 0% Read	480	300	-	-	-	1,781,240	28,499,840.0	0.2	1,781,240	28,499,840.0	0.2	5,937	94,999
16KB	48	60% Seq 0% Read	480	300	-	-	-	336,349	5,381,584.0	0.9	336,349	5,381,584.0	0.9	1,121	17,938
16KB	49	30% Seq 0% Read	480	300	-	-	-	209,657	3,354,512.0	1.4	209,657	3,354,512.0	1.4	698	11,181
16KB	50	0% Seq 0% Read	480	300	-	-	-	151,628	2,426,048.0	2.0	151,628	2,426,048.0	2.0	505	8,086

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32KB	52	100% Seq 100% Read	480	300	2,085,336	66,730,752.0	0.1	-	-	-	2,085,336	66,730,752.0	0.1	6,951	222,435
32KB	53	60% Seq 100% Read	480	300	132,524	4,240,768.0	2.3	-	-	-	132,524	4,240,768.0	2.3	441	14,135
32KB	54	30% Seq 100% Read	480	300	81,327	2,602,464.0	3.7	-	-	-	81,327	2,602,464.0	3.7	271	8,674
32KB	55	0% Seq 100% Read	480	300	58,406	1,868,992.0	5.1	-	-	-	58,406	1,868,992.0	5.1	194	6,229
32KB	56	100% Seq 60% Read	480	300	608,294	19,465,408.0	0.2	404,680	12,949,760.0	0.4	1,012,974	32,415,168.0	0.3	3,376	108,050
32KB	57	60% Seq 60% Read	480	300	95,369	3,051,808.0	2.8	63,649	2,036,768.0	0.5	159,018	5,088,576.0	1.9	530	16,961
32KB	58	30% Seq 60% Read	480	300	60,474	1,935,168.0	4.6	39,893	1,276,576.0	0.5	100,367	3,211,744.0	3.0	334	10,705
32KB	59	0% Seq 60% Read	480	300	44,364	1,419,648.0	6.4	29,281	936,992.0	0.5	73,645	2,356,640.0	4.1	245	7,855
32KB	60	100% Seq 30% Read	480	300	284,535	9,105,120.0	0.3	663,670	21,237,440.0	0.3	948,205	30,342,560.0	0.3	3,160	101,141
32KB	61	60% Seq 30% Read	480	300	58,407	1,869,024.0	4.1	135,037	4,321,184.0	0.5	193,444	6,190,208.0	1.6	644	20,634
32KB	62	30% Seq 30% Read	480	300	37,579	1,202,528.0	6.8	87,714	2,806,848.0	0.5	125,293	4,009,376.0	2.4	417	13,364
32KB	63	0% Seq 30% Read	480	300	28,008	896,256.0	9.4	65,426	2,093,632.0	0.6	93,434	2,989,888.0	3.2	311	9,966
32KB	64	100% Seq 0% Read	480	300	-	-	-	1,349,421	43,181,472.0	0.2	1,349,421	43,181,472.0	0.2	4,498	143,938
32KB	65	60% Seq 0% Read	480	300	-	-	-	285,678	9,141,696.0	1.1	285,678	9,141,696.0	1.1	952	30,472
32KB	66	30% Seq 0% Read	480	300	-	-	-	191,576	6,130,432.0	1.6	191,576	6,130,432.0	1.6	638	20,434
32KB	67	0% Seq 0% Read	480	300	-	-	-	145,900	4,668,800.0	2.1	145,900	4,668,800.0	2.1	486	15,562

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64KB	69	100% Seq 100% Read	480	300	1,047,726	67,054,464.0	0.3	-	-	-	1,047,726	67,054,464.0	0.3	3,492	223,514
64KB	70	60% Seq 100% Read	480	300	116,961	7,485,504.0	2.6	-	-	-	116,961	7,485,504.0	2.6	389	24,951
64KB	71	30% Seq 100% Read	480	300	76,411	4,890,304.0	3.9	-	-	-	76,411	4,890,304.0	3.9	254	16,301
64KB	72	0% Seq 100% Read	480	300	56,637	3,624,768.0	5.3	-	-	-	56,637	3,624,768.0	5.3	188	12,082
64KB	73	100% Seq 60% Read	480	300	368,487	23,583,168.0	0.5	245,823	15,732,672.0	0.5	614,310	39,315,840.0	0.5	2,047	131,052
64KB	74	60% Seq 60% Read	480	300	83,514	5,344,896.0	3.2	55,552	3,555,328.0	0.6	139,066	8,900,224.0	2.2	463	29,667
64KB	75	30% Seq 60% Read	480	300	55,551	3,555,264.0	5.0	37,371	2,391,744.0	0.6	92,922	5,947,008.0	3.2	309	19,823
64KB	76	0% Seq 60% Read	480	300	41,832	2,677,248.0	6.8	27,967	1,789,888.0	0.6	69,799	4,467,136.0	4.3	232	14,890
64KB	77	100% Seq 30% Read	480	300	162,597	10,406,208.0	0.6	378,064	24,196,096.0	0.6	540,661	34,602,304.0	0.6	1,802	115,341
64KB	78	60% Seq 30% Read	480	300	50,167	3,210,688.0	4.7	116,858	7,478,912.0	0.5	167,025	10,689,600.0	1.8	556	35,632
64KB	79	30% Seq 30% Read	480	300	33,654	2,153,856.0	7.6	78,139	5,000,896.0	0.6	111,793	7,154,752.0	2.7	372	23,849
64KB	80	0% Seq 30% Read	480	300	25,638	1,640,832.0	10.3	60,045	3,842,880.0	0.6	85,683	5,483,712.0	3.5	285	18,279
64KB	81	100% Seq 0% Read	480	300	-	-	-	996,569	63,780,416.0	0.3	996,569	63,780,416.0	0.3	3,321	212,601
64KB	82	60% Seq 0% Read	480	300	-	-	-	224,274	14,353,536.0	1.3	224,274	14,353,536.0	1.3	747	47,845
64KB	83	30% Seq 0% Read	480	300	-	-	-	158,038	10,114,432.0	1.9	158,038	10,114,432.0	1.9	526	33,714
64KB	84	0% Seq 0% Read	480	300	-	-	-	124,922	7,995,008.0	2.4	124,922	7,995,008.0	2.4	416	26,650

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128KB	86	100% Seq 100% Read	480	300	516,013	66,049,664.0	0.6	-	-	-	516,013	66,049,664.0	0.6	1,720	220,165
128KB	87	60% Seq 100% Read	480	300	97,514	12,481,792.0	3.1	-	-	-	97,514	12,481,792.0	3.1	325	41,605
128KB	88	30% Seq 100% Read	480	300	67,362	8,622,336.0	4.5	-	-	-	67,362	8,622,336.0	4.5	224	28,741
128KB	89	0% Seq 100% Read	480	300	53,207	6,810,496.0	5.6	-	-	-	53,207	6,810,496.0	5.6	177	22,701
128KB	90	100% Seq 60% Read	480	300	194,381	24,880,768.0	1.1	130,238	16,670,464.0	0.7	324,619	41,551,232.0	0.9	1,082	138,504
128KB	91	60% Seq 60% Read	480	300	65,819	8,424,832.0	4.1	43,982	5,629,696.0	0.7	109,801	14,054,528.0	2.7	366	46,848
128KB	92	30% Seq 60% Read	480	300	47,748	6,111,744.0	5.8	31,135	3,985,280.0	0.7	78,883	10,097,024.0	3.8	262	33,656
128KB	93	0% Seq 60% Read	480	300	37,656	4,819,968.0	7.5	25,076	3,209,728.0	0.7	62,732	8,029,696.0	4.8	209	26,765
128KB	94	100% Seq 30% Read	480	300	88,154	11,283,712.0	1.6	205,473	26,300,544.0	0.8	293,627	37,584,256.0	1.0	978	125,280
128KB	95	60% Seq 30% Read	480	300	39,435	5,047,680.0	5.9	91,679	11,734,912.0	0.7	131,114	16,782,592.0	2.3	437	55,941
128KB	96	30% Seq 30% Read	480	300	27,570	3,528,960.0	9.1	65,497	8,383,616.0	0.8	93,067	11,912,576.0	3.2	310	39,708
128KB	97	0% Seq 30% Read	480	300	22,199	2,841,472.0	11.8	52,259	6,689,152.0	0.7	74,458	9,530,624.0	4.0	248	31,768
128KB	98	100% Seq 0% Read	480	300	-	-	-	507,136	64,913,408.0	0.6	507,136	64,913,408.0	0.6	1,690	216,378
128KB	99	60% Seq 0% Read	480	300	-	-	-	160,995	20,607,360.0	1.9	160,995	20,607,360.0	1.9	536	68,691
128KB	100	30% Seq 0% Read	480	300	-	-	-	121,267	15,522,176.0	2.5	121,267	15,522,176.0	2.5	404	51,740
128KB	101	0% Seq 0% Read	480	300	-	-	-	99,625	12,752,000.0	3.0	99,625	12,752,000.0	3.0	332	42,506

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Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	STX SSHD Turbo Avg. Resp (R+W) ms	STX SSHD Turbo Avg. IOP Sec (R+W)	STX SSHD Turbo Bandwidth KB Sec (R+W)
256KB	103	100% Seq 100% Read	480	300	263,899	67,558,144.0	1.1	-	-	-	263,899	67,558,144.0	1.1	879	225,193
256KB	104	60% Seq 100% Read	480	300	76,210	19,509,760.0	3.9	-	-	-	76,210	19,509,760.0	3.9	254	65,032
256KB	105	30% Seq 100% Read	480	300	56,745	14,526,720.0	5.3	-	-	-	56,745	14,526,720.0	5.3	189	48,422
256KB	106	0% Seq 100% Read	480	300	46,477	11,898,112.0	6.5	-	-	-	46,477	11,898,112.0	6.5	154	39,660
256KB	107	100% Seq 60% Read	480	300	95,765	24,515,840.0	2.4	64,436	16,495,616.0	1.1	160,201	41,011,456.0	1.9	534	136,704
256KB	108	60% Seq 60% Read	480	300	47,399	12,134,144.0	5.6	31,994	8,190,464.0	1.1	79,393	20,324,608.0	3.8	264	67,748
256KB	109	30% Seq 60% Read	480	300	36,599	9,369,344.0	7.4	24,398	6,245,888.0	1.2	60,997	15,615,232.0	4.9	203	52,050
256KB	110	0% Seq 60% Read	480	300	31,153	7,975,168.0	8.9	20,670	5,291,520.0	1.2	51,823	13,266,688.0	5.8	172	44,222
256KB	111	100% Seq 30% Read	480	300	44,521	11,397,376.0	4.0	104,180	26,670,080.0	1.2	148,701	38,067,456.0	2.0	495	126,891
256KB	112	60% Seq 30% Read	480	300	27,011	6,914,816.0	8.1	63,164	16,169,984.0	1.3	90,175	23,084,800.0	3.3	300	76,949
256KB	113	30% Seq 30% Read	480	300	21,273	5,445,888.0	11.3	49,638	12,707,328.0	1.2	70,911	18,153,216.0	4.2	236	60,510
256KB	114	0% Seq 30% Read	480	300	17,595	4,504,320.0	14.3	41,412	10,601,472.0	1.1	59,007	15,105,792.0	5.1	196	50,352
256KB	115	100% Seq 0% Read	480	300	-	-	-	257,079	65,812,224.0	1.2	257,079	65,812,224.0	1.2	856	219,374
256KB	116	60% Seq 0% Read	480	300	-	-	-	109,483	28,027,648.0	2.7	109,483	28,027,648.0	2.7	364	93,425
256KB	117	30% Seq 0% Read	480	300	-	-	-	88,147	22,565,632.0	3.4	88,147	22,565,632.0	3.4	293	75,218
256KB	118	0% Seq 0% Read	480	300	-	-	-	75,811	19,407,616.0	4.0	75,811	19,407,616.0	4.0	252	64,692

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Worker count = 1

11/14/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate SSHD 15K+ 600GB 2.5" 6Gb SAS HBA RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	STX SSHD Turbo Avg. Resp (R+W) ms	STX SSHD Turbo Avg. IOP Sec (R+W)	STX SSHD Turbo Bandwidth KB Sec (R+W)
512KB	120	100% Seq 100% Read	480	300	125,666	64,340,992.0	2.4	-	-	-	125,666	64,340,992.0	2.4	418	214,469
512KB	121	60% Seq 100% Read	480	300	55,472	28,401,664.0	5.4	-	-	-	55,472	28,401,664.0	5.4	184	94,672
512KB	122	30% Seq 100% Read	480	300	45,291	23,188,992.0	6.6	-	-	-	45,291	23,188,992.0	6.6	150	77,296
512KB	123	0% Seq 100% Read	480	300	39,665	20,308,480.0	7.6	-	-	-	39,665	20,308,480.0	7.6	132	67,694
512KB	124	100% Seq 60% Read	480	300	47,093	24,111,616.0	5.1	31,295	16,023,040.0	1.9	78,388	40,134,656.0	3.8	261	133,782
512KB	125	60% Seq 60% Read	480	300	33,579	17,192,448.0	7.7	22,582	11,561,984.0	1.8	56,161	28,754,432.0	5.3	187	95,848
512KB	126	30% Seq 60% Read	480	300	28,134	14,404,608.0	9.5	18,682	9,565,184.0	1.8	46,816	23,969,792.0	6.4	156	79,899
512KB	127	0% Seq 60% Read	480	300	25,132	12,867,584.0	10.7	16,544	8,470,528.0	1.8	41,676	21,338,112.0	7.2	138	71,127
512KB	128	100% Seq 30% Read	480	300	23,911	12,242,432.0	7.3	55,643	28,489,216.0	2.2	79,554	40,731,648.0	3.8	265	135,772
512KB	129	60% Seq 30% Read	480	300	17,417	8,917,504.0	11.7	40,539	20,755,968.0	2.4	57,956	29,673,472.0	5.2	193	98,911
512KB	130	30% Seq 30% Read	480	300	14,929	7,643,648.0	15.1	35,293	18,070,016.0	2.1	50,222	25,713,664.0	6.0	167	85,712
512KB	131	0% Seq 30% Read	480	300	13,438	6,880,256.0	17.6	31,846	16,305,152.0	2.0	45,284	23,185,408.0	6.6	150	77,284
512KB	132	100% Seq 0% Read	480	300	-	-	-	127,729	65,397,248.0	2.4	127,729	65,397,248.0	2.4	425	217,990
512KB	133	60% Seq 0% Read	480	300	-	-	-	68,604	35,125,248.0	4.4	68,604	35,125,248.0	4.4	228	117,084
512KB	134	30% Seq 0% Read	480	300	-	-	-	61,017	31,240,704.0	4.9	61,017	31,240,704.0	4.9	203	104,135
512KB	135	0% Seq 0% Read	480	300	-	-	-	56,777	29,069,824.0	5.3	56,777	29,069,824.0	5.3	189	96,899



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Seagate SSHD 15K+ 600GB 2.5" 6Gb SAS HBA RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	STX SSHD Turbo Avg. Resp (R+W) ms	STX SSHD Turbo Avg. IOP Sec (R+W)	STX SSHD Turbo Bandwidth KB Sec (R+W)
1024KB	137	100% Seq 100% Read	480	300	63,606	65,132,544.0	4.7	-	-	-	63,606	65,132,544.0	4.7	212	217,108
1024KB	138	60% Seq 100% Read	480	300	37,796	38,703,104.0	7.9	-	-	-	37,796	38,703,104.0	7.9	125	129,010
1024KB	139	30% Seq 100% Read	480	300	32,363	33,139,712.0	9.3	-	-	-	32,363	33,139,712.0	9.3	107	110,465
1024KB	140	0% Seq 100% Read	480	300	30,309	31,036,416.0	9.9	-	-	-	30,309	31,036,416.0	9.9	101	103,454
1024KB	141	100% Seq 60% Read	480	300	27,545	28,206,080.0	8.3	18,528	18,972,672.0	3.8	46,073	47,178,752.0	6.5	153	157,262
1024KB	142	60% Seq 60% Read	480	300	20,506	20,998,144.0	12.2	13,583	13,908,992.0	3.6	34,089	34,907,136.0	8.8	113	116,357
1024KB	143	30% Seq 60% Read	480	300	19,055	19,512,320.0	13.4	12,644	12,947,456.0	3.5	31,699	32,459,776.0	9.5	105	108,199
1024KB	144	0% Seq 60% Read	480	300	17,673	18,097,152.0	14.7	11,772	12,054,528.0	3.5	29,445	30,151,680.0	10.2	98	100,505
1024KB	145	100% Seq 30% Read	480	300	12,676	12,980,224.0	12.9	30,169	30,893,056.0	4.5	42,845	43,873,280.0	7.0	142	146,244
1024KB	146	60% Seq 30% Read	480	300	10,695	10,951,680.0	17.1	24,746	25,339,904.0	4.7	35,441	36,291,584.0	8.5	118	120,971
1024KB	147	30% Seq 30% Read	480	300	9,776	10,010,624.0	19.6	23,054	23,607,296.0	4.7	32,830	33,617,920.0	9.1	109	112,059
1024KB	148	0% Seq 30% Read	480	300	9,024	9,240,576.0	22.4	21,468	21,983,232.0	4.6	30,492	31,223,808.0	9.8	101	104,079
1024KB	149	100% Seq 0% Read	480	300	-	-	-	65,347	66,915,328.0	4.6	65,347	66,915,328.0	4.6	217	223,051
1024KB	150	60% Seq 0% Read	480	300	-	-	-	37,845	38,753,280.0	7.9	37,845	38,753,280.0	7.9	126	129,177
1024KB	151	30% Seq 0% Read	480	300	-	-	-	34,785	35,619,840.0	8.6	34,785	35,619,840.0	8.6	115	118,732
1024KB	152	0% Seq 0% Read	480	300	-	-	-	34,113	34,931,712.0	8.8	34,113	34,931,712.0	8.8	113	116,439

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2048KB	154	100% Seq 100% Read	480	300	31,363	64,231,424.0	9.6	-	-	-	31,363	64,231,424.0	9.6	104	214,104
2048KB	155	60% Seq 100% Read	480	300	21,639	44,316,672.0	13.9	-	-	-	21,639	44,316,672.0	13.9	72	147,722
2048KB	156	30% Seq 100% Read	480	300	17,224	35,274,752.0	17.4	-	-	-	17,224	35,274,752.0	17.4	57	117,582
2048KB	157	0% Seq 100% Read	480	300	15,749	32,253,952.0	19.0	-	-	-	15,749	32,253,952.0	19.0	52	107,513
2048KB	158	100% Seq 60% Read	480	300	16,922	34,656,256.0	12.4	11,322	23,187,456.0	7.9	28,244	57,843,712.0	10.6	94	192,812
2048KB	159	60% Seq 60% Read	480	300	11,838	24,244,224.0	20.3	8,086	16,560,128.0	7.4	19,924	40,804,352.0	15.1	66	136,014
2048KB	160	30% Seq 60% Read	480	300	11,273	23,087,104.0	21.7	7,288	14,925,824.0	7.5	18,561	38,012,928.0	16.2	61	126,709
2048KB	161	0% Seq 60% Read	480	300	10,874	22,269,952.0	22.5	7,129	14,600,192.0	7.7	18,003	36,870,144.0	16.7	60	122,900
2048KB	162	100% Seq 30% Read	480	300	6,558	13,430,784.0	24.3	15,796	32,350,208.0	8.9	22,354	45,780,992.0	13.4	74	152,603
2048KB	163	60% Seq 30% Read	480	300	5,966	12,218,368.0	25.8	14,180	29,040,640.0	10.3	20,146	41,259,008.0	14.9	67	137,530
2048KB	164	30% Seq 30% Read	480	300	5,691	11,655,168.0	28.0	13,479	27,604,992.0	10.4	19,170	39,260,160.0	15.6	63	130,867
2048KB	165	0% Seq 30% Read	480	300	5,390	11,038,720.0	30.3	12,892	26,402,816.0	10.6	18,282	37,441,536.0	16.4	60	124,805
2048KB	166	100% Seq 0% Read	480	300	-	-	-	30,874	63,229,952.0	9.7	30,874	63,229,952.0	9.7	102	210,766
2048KB	167	60% Seq 0% Read	480	300	-	-	-	21,302	43,626,496.0	14.1	21,302	43,626,496.0	14.1	71	145,421
2048KB	168	30% Seq 0% Read	480	300	-	-	-	19,073	39,061,504.0	15.7	19,073	39,061,504.0	15.7	63	130,205
2048KB	169	0% Seq 0% Read	480	300	-	-	-	18,877	38,660,096.0	15.9	18,877	38,660,096.0	15.9	62	128,866