

Your performance WILL vary

Worker count = 1

5/17/2013

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

Fujitsu 7.2K 160GB 2.5" RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
4KB	1	100% Seq 100% Read	480	300	3,307,920	13,231,680.0	0.1	-	-	-	3,307,920	13,231,680.0	0.1	11,026	44,105
4KB	2	60% Seq 100% Read	480	300	45,942	183,768.0	6.5	-	-	-	45,942	183,768.0	6.5	153	612
4KB	3	30% Seq 100% Read	480	300	27,051	108,204.0	11.1	-	-	-	27,051	108,204.0	11.1	90	360
4KB	4	0% Seq 100% Read	480	300	19,234	76,936.0	15.6	-	-	-	19,234	76,936.0	15.6	64	256
4KB	5	100% Seq 60% Read	480	300	36,354	145,416.0	0.0	24,397	97,588.0	12.3	60,751	243,004.0	4.9	202	810
4KB	6	60% Seq 60% Read	480	300	18,154	72,616.0	6.2	12,047	48,188.0	15.5	30,201	120,804.0	9.9	100	402
4KB	7	30% Seq 60% Read	480	300	13,800	55,200.0	10.8	9,115	36,460.0	16.6	22,915	91,660.0	13.1	76	305
4KB	8	0% Seq 60% Read	480	300	11,322	45,288.0	15.4	7,460	29,840.0	16.8	18,782	75,128.0	16.0	62	250
4KB	9	100% Seq 30% Read	480	300	11,111	44,444.0	0.0	26,057	104,228.0	11.5	37,168	148,672.0	8.1	123	495
4KB	10	60% Seq 30% Read	480	300	7,147	28,588.0	6.3	17,113	68,452.0	14.9	24,260	97,040.0	12.4	80	323
4KB	11	30% Seq 30% Read	480	300	6,175	24,700.0	10.6	14,397	57,588.0	16.3	20,572	82,288.0	14.6	68	274
4KB	12	0% Seq 30% Read	480	300	5,616	22,464.0	15.2	12,893	51,572.0	16.6	18,509	74,036.0	16.2	61	246
4KB	13	100% Seq 0% Read	480	300	-	-	-	26,751	107,004.0	11.2	26,751	107,004.0	11.2	89	356
4KB	14	60% Seq 0% Read	480	300	-	-	-	21,005	84,020.0	14.3	21,005	84,020.0	14.3	70	280
4KB	15	30% Seq 0% Read	480	300	-	-	-	18,149	72,596.0	16.5	18,149	72,596.0	16.5	60	241
4KB	16	0% Seq 0% Read	480	300	-	-	-	18,139	72,556.0	16.5	18,139	72,556.0	16.5	60	241

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IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
8KB	18	100% Seq 100% Read	480	300	1,676,560	13,412,480.0	0.2	-	-	-	1,676,560	13,412,480.0	0.2	5,588	44,708
8KB	19	60% Seq 100% Read	480	300	45,390	363,120.0	6.6	-	-	-	45,390	363,120.0	6.6	151	1,210
8KB	20	30% Seq 100% Read	480	300	26,735	213,880.0	11.2	-	-	-	26,735	213,880.0	11.2	89	712
8KB	21	0% Seq 100% Read	480	300	19,108	152,864.0	15.7	-	-	-	19,108	152,864.0	15.7	63	509
8KB	22	100% Seq 60% Read	480	300	32,263	258,104.0	0.0	21,586	172,688.0	13.9	53,849	430,792.0	5.6	179	1,435
8KB	23	60% Seq 60% Read	480	300	17,915	143,320.0	6.3	11,727	93,816.0	15.9	29,642	237,136.0	10.1	98	790
8KB	24	30% Seq 60% Read	480	300	13,554	108,432.0	11.0	8,865	70,920.0	17.0	22,419	179,352.0	13.4	74	597
8KB	25	0% Seq 60% Read	480	300	11,356	90,848.0	15.5	7,353	58,824.0	16.8	18,709	149,672.0	16.0	62	498
8KB	26	100% Seq 30% Read	480	300	10,881	87,048.0	0.0	25,394	203,152.0	11.8	36,275	290,200.0	8.3	120	967
8KB	27	60% Seq 30% Read	480	300	7,169	57,352.0	6.3	16,392	131,136.0	15.5	23,561	188,488.0	12.7	78	628
8KB	28	30% Seq 30% Read	480	300	5,957	47,656.0	11.1	13,771	110,168.0	17.0	19,728	157,824.0	15.2	65	526
8KB	29	0% Seq 30% Read	480	300	5,482	43,856.0	15.4	12,863	102,904.0	16.8	18,345	146,760.0	16.4	61	489
8KB	30	100% Seq 0% Read	480	300	-	-	-	26,475	211,800.0	11.3	26,475	211,800.0	11.3	88	706
8KB	31	60% Seq 0% Read	480	300	-	-	-	20,609	164,872.0	14.6	20,609	164,872.0	14.6	68	549
8KB	32	30% Seq 0% Read	480	300	-	-	-	18,737	149,896.0	16.0	18,737	149,896.0	16.0	62	499
8KB	33	0% Seq 0% Read	480	300	-	-	-	18,105	144,840.0	16.6	18,105	144,840.0	16.6	60	482

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Fujitsu 7.2K 160GB 2.5" RAW (Non-filessystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
16KB	35	100% Seq 100% Read	480	300	838,552	13,416,832.0	0.4	-	-	-	838,552	13,416,832.0	0.4	2,795	44,722
16KB	36	60% Seq 100% Read	480	300	42,045	672,720.0	7.1	-	-	-	42,045	672,720.0	7.1	140	2,242
16KB	37	30% Seq 100% Read	480	300	26,136	418,176.0	11.5	-	-	-	26,136	418,176.0	11.5	87	1,393
16KB	38	0% Seq 100% Read	480	300	18,882	302,112.0	15.9	-	-	-	18,882	302,112.0	15.9	62	1,007
16KB	39	100% Seq 60% Read	480	300	27,720	443,520.0	0.1	18,396	294,336.0	16.2	46,116	737,856.0	6.5	153	2,459
16KB	40	60% Seq 60% Read	480	300	16,899	270,384.0	6.6	11,283	180,528.0	16.6	28,182	450,912.0	10.6	93	1,503
16KB	41	30% Seq 60% Read	480	300	13,144	210,304.0	11.3	8,904	142,464.0	17.0	22,048	352,768.0	13.6	73	1,175
16KB	42	0% Seq 60% Read	480	300	11,091	177,456.0	15.7	7,365	117,840.0	17.0	18,456	295,296.0	16.3	61	984
16KB	43	100% Seq 30% Read	480	300	9,863	157,808.0	0.0	23,105	369,680.0	13.0	32,968	527,488.0	9.1	109	1,758
16KB	44	60% Seq 30% Read	480	300	6,908	110,528.0	6.6	16,000	256,000.0	15.9	22,908	366,528.0	13.1	76	1,221
16KB	45	30% Seq 30% Read	480	300	5,995	95,920.0	11.0	14,211	227,376.0	16.5	20,206	323,296.0	14.8	67	1,077
16KB	46	0% Seq 30% Read	480	300	5,414	86,624.0	15.6	12,748	203,968.0	16.9	18,162	290,592.0	16.5	60	968
16KB	47	100% Seq 0% Read	480	300	-	-	-	25,974	415,584.0	11.5	25,974	415,584.0	11.5	86	1,385
16KB	48	60% Seq 0% Read	480	300	-	-	-	20,589	329,424.0	14.6	20,589	329,424.0	14.6	68	1,098
16KB	49	30% Seq 0% Read	480	300	-	-	-	18,717	299,472.0	16.0	18,717	299,472.0	16.0	62	998
16KB	50	0% Seq 0% Read	480	300	-	-	-	17,860	285,760.0	16.8	17,860	285,760.0	16.8	59	952

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Fujitsu 7.2K 160GB 2.5" RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
32KB	52	100% Seq 100% Read	480	300	415,168	13,285,376.0	0.7	-	-	-	415,168	13,285,376.0	0.7	1,383	44,284
32KB	53	60% Seq 100% Read	480	300	37,246	1,191,872.0	8.1	-	-	-	37,246	1,191,872.0	8.1	124	3,972
32KB	54	30% Seq 100% Read	480	300	24,234	775,488.0	12.4	-	-	-	24,234	775,488.0	12.4	80	2,584
32KB	55	0% Seq 100% Read	480	300	18,397	588,704.0	16.3	-	-	-	18,397	588,704.0	16.3	61	1,962
32KB	56	100% Seq 60% Read	480	300	22,406	716,992.0	0.8	15,094	483,008.0	18.6	37,500	1,200,000.0	8.0	125	4,000
32KB	57	60% Seq 60% Read	480	300	15,181	485,792.0	7.4	10,083	322,656.0	18.6	25,264	808,448.0	11.9	84	2,694
32KB	58	30% Seq 60% Read	480	300	12,749	407,968.0	11.8	8,254	264,128.0	18.1	21,003	672,096.0	14.3	70	2,240
32KB	59	0% Seq 60% Read	480	300	10,763	344,416.0	16.3	7,143	228,576.0	17.5	17,906	572,992.0	16.8	59	1,909
32KB	60	100% Seq 30% Read	480	300	8,391	268,512.0	0.1	20,382	652,224.0	14.7	28,773	920,736.0	10.4	95	3,069
32KB	61	60% Seq 30% Read	480	300	6,666	213,312.0	6.8	15,586	498,752.0	16.4	22,252	712,064.0	13.5	74	2,373
32KB	62	30% Seq 30% Read	480	300	5,912	189,184.0	11.3	13,648	436,736.0	17.1	19,560	625,920.0	15.3	65	2,086
32KB	63	0% Seq 30% Read	480	300	5,296	169,472.0	16.1	12,329	394,528.0	17.4	17,625	564,000.0	17.0	58	1,880
32KB	64	100% Seq 0% Read	480	300	-	-	-	25,292	809,344.0	11.9	25,292	809,344.0	11.9	84	2,697
32KB	65	60% Seq 0% Read	480	300	-	-	-	19,178	613,696.0	15.6	19,178	613,696.0	15.6	63	2,045
32KB	66	30% Seq 0% Read	480	300	-	-	-	18,321	586,272.0	16.4	18,321	586,272.0	16.4	61	1,954
32KB	67	0% Seq 0% Read	480	300	-	-	-	17,536	561,152.0	17.1	17,536	561,152.0	17.1	58	1,870

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IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
64KB	69	100% Seq 100% Read	480	300	204,748	13,103,872.0	1.5	-	-	-	204,748	13,103,872.0	1.5	682	43,679
64KB	70	60% Seq 100% Read	480	300	28,519	1,825,216.0	10.5	-	-	-	28,519	1,825,216.0	10.5	95	6,084
64KB	71	30% Seq 100% Read	480	300	22,352	1,430,528.0	13.4	-	-	-	22,352	1,430,528.0	13.4	74	4,768
64KB	72	0% Seq 100% Read	480	300	17,562	1,123,968.0	17.1	-	-	-	17,562	1,123,968.0	17.1	58	3,746
64KB	73	100% Seq 60% Read	480	300	17,225	1,102,400.0	3.5	11,413	730,432.0	20.9	28,638	1,832,832.0	10.5	95	6,109
64KB	74	60% Seq 60% Read	480	300	13,570	868,480.0	8.6	9,013	576,832.0	20.3	22,583	1,445,312.0	13.3	75	4,817
64KB	75	30% Seq 60% Read	480	300	11,629	744,256.0	12.8	7,860	503,040.0	19.2	19,489	1,247,296.0	15.4	64	4,157
64KB	76	0% Seq 60% Read	480	300	10,231	654,784.0	16.9	6,849	438,336.0	18.5	17,080	1,093,120.0	17.6	56	3,643
64KB	77	100% Seq 30% Read	480	300	6,968	445,952.0	1.3	16,486	1,055,104.0	17.6	23,454	1,501,056.0	12.8	78	5,003
64KB	78	60% Seq 30% Read	480	300	5,721	366,144.0	7.8	13,271	849,344.0	19.3	18,992	1,215,488.0	15.8	63	4,051
64KB	79	30% Seq 30% Read	480	300	5,340	341,760.0	12.4	12,418	794,752.0	18.8	17,758	1,136,512.0	16.9	59	3,788
64KB	80	0% Seq 30% Read	480	300	5,030	321,920.0	16.8	11,675	747,200.0	18.5	16,705	1,069,120.0	18.0	55	3,563
64KB	81	100% Seq 0% Read	480	300	-	-	-	23,908	1,530,112.0	12.5	23,908	1,530,112.0	12.5	79	5,100
64KB	82	60% Seq 0% Read	480	300	-	-	-	18,585	1,189,440.0	16.1	18,585	1,189,440.0	16.1	61	3,964
64KB	83	30% Seq 0% Read	480	300	-	-	-	16,953	1,084,992.0	17.7	16,953	1,084,992.0	17.7	56	3,616
64KB	84	0% Seq 0% Read	480	300	-	-	-	16,509	1,056,576.0	18.2	16,509	1,056,576.0	18.2	55	3,521

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128KB	86	100% Seq 100% Read	480	300	99,007	12,672,896.0	3.0	-	-	-	99,007	12,672,896.0	3.0	330	42,242
128KB	87	60% Seq 100% Read	480	300	22,112	2,830,336.0	13.6	-	-	-	22,112	2,830,336.0	13.6	73	9,434
128KB	88	30% Seq 100% Read	480	300	18,324	2,345,472.0	16.4	-	-	-	18,324	2,345,472.0	16.4	61	7,818
128KB	89	0% Seq 100% Read	480	300	16,089	2,059,392.0	18.6	-	-	-	16,089	2,059,392.0	18.6	53	6,864
128KB	90	100% Seq 60% Read	480	300	11,517	1,474,176.0	6.4	7,806	999,168.0	29.0	19,323	2,473,344.0	15.5	64	8,244
128KB	91	60% Seq 60% Read	480	300	9,622	1,231,616.0	11.7	6,542	837,376.0	28.6	16,164	2,068,992.0	18.6	53	6,896
128KB	92	30% Seq 60% Read	480	300	8,961	1,147,008.0	15.1	5,967	763,776.0	27.6	14,928	1,910,784.0	20.1	49	6,369
128KB	93	0% Seq 60% Read	480	300	8,458	1,082,624.0	18.4	5,663	724,864.0	25.5	14,121	1,807,488.0	21.2	47	6,024
128KB	94	100% Seq 30% Read	480	300	4,344	556,032.0	4.1	10,326	1,321,728.0	27.3	14,670	1,877,760.0	20.5	48	6,259
128KB	95	60% Seq 30% Read	480	300	3,704	474,112.0	10.0	8,875	1,136,000.0	29.6	12,579	1,610,112.0	23.8	41	5,367
128KB	96	30% Seq 30% Read	480	300	3,594	460,032.0	14.4	8,392	1,074,176.0	29.6	11,986	1,534,208.0	25.0	39	5,114
128KB	97	0% Seq 30% Read	480	300	3,595	460,160.0	18.3	8,306	1,063,168.0	28.2	11,901	1,523,328.0	25.2	39	5,077
128KB	98	100% Seq 0% Read	480	300	-	-	-	11,904	1,523,712.0	25.2	11,904	1,523,712.0	25.2	39	5,079
128KB	99	60% Seq 0% Read	480	300	-	-	-	10,423	1,334,144.0	28.8	10,423	1,334,144.0	28.8	34	4,447
128KB	100	30% Seq 0% Read	480	300	-	-	-	9,857	1,261,696.0	30.4	9,857	1,261,696.0	30.4	32	4,205
128KB	101	0% Seq 0% Read	480	300	-	-	-	9,593	1,227,904.0	31.3	9,593	1,227,904.0	31.3	31	4,093

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IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
256KB	103	100% Seq 100% Read	480	300	52,395	13,413,120.0	5.7	-	-	-	52,395	13,413,120.0	5.7	174	44,710
256KB	104	60% Seq 100% Read	480	300	12,691	3,248,896.0	23.6	-	-	-	12,691	3,248,896.0	23.6	42	10,829
256KB	105	30% Seq 100% Read	480	300	9,319	2,385,664.0	32.2	-	-	-	9,319	2,385,664.0	32.2	31	7,952
256KB	106	0% Seq 100% Read	480	300	8,452	2,163,712.0	35.5	-	-	-	8,452	2,163,712.0	35.5	28	7,212
256KB	107	100% Seq 60% Read	480	300	8,353	2,138,368.0	14.2	5,533	1,416,448.0	32.8	13,886	3,554,816.0	21.6	46	11,849
256KB	108	60% Seq 60% Read	480	300	5,911	1,513,216.0	27.7	3,943	1,009,408.0	34.6	9,854	2,522,624.0	30.4	32	8,408
256KB	109	30% Seq 60% Read	480	300	5,275	1,350,400.0	32.7	3,550	908,800.0	36.0	8,825	2,259,200.0	34.0	29	7,530
256KB	110	0% Seq 60% Read	480	300	5,118	1,310,208.0	34.5	3,427	877,312.0	36.0	8,545	2,187,520.0	35.1	28	7,291
256KB	111	100% Seq 30% Read	480	300	3,390	867,840.0	20.6	7,738	1,980,928.0	29.7	11,128	2,848,768.0	27.0	37	9,495
256KB	112	60% Seq 30% Read	480	300	2,757	705,792.0	28.6	6,683	1,710,848.0	33.1	9,440	2,416,640.0	31.8	31	8,055
256KB	113	30% Seq 30% Read	480	300	2,706	692,736.0	32.1	6,139	1,571,584.0	34.7	8,845	2,264,320.0	33.9	29	7,547
256KB	114	0% Seq 30% Read	480	300	2,666	682,496.0	34.1	5,946	1,522,176.0	35.2	8,612	2,204,672.0	34.8	28	7,348
256KB	115	100% Seq 0% Read	480	300	-	-	-	10,821	2,770,176.0	27.7	10,821	2,770,176.0	27.7	36	9,233
256KB	116	60% Seq 0% Read	480	300	-	-	-	9,339	2,390,784.0	32.1	9,339	2,390,784.0	32.1	31	7,969
256KB	117	30% Seq 0% Read	480	300	-	-	-	8,828	2,259,968.0	34.0	8,828	2,259,968.0	34.0	29	7,533
256KB	118	0% Seq 0% Read	480	300	-	-	-	8,706	2,228,736.0	34.5	8,706	2,228,736.0	34.5	29	7,429

Your performance WILL vary

Worker count = 1

5/17/2013

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

Fujitsu 7.2K 160GB 2.5" RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
512KB	120	100% Seq 100% Read	480	300	33,824	17,317,888.0	8.9	-	-	-	33,824	17,317,888.0	8.9	112	57,726
512KB	121	60% Seq 100% Read	480	300	10,358	5,303,296.0	29.0	-	-	-	10,358	5,303,296.0	29.0	34	17,677
512KB	122	30% Seq 100% Read	480	300	8,228	4,212,736.0	36.5	-	-	-	8,228	4,212,736.0	36.5	27	14,042
512KB	123	0% Seq 100% Read	480	300	7,537	3,858,944.0	39.8	-	-	-	7,537	3,858,944.0	39.8	25	12,863
512KB	124	100% Seq 60% Read	480	300	5,602	2,868,224.0	25.4	3,783	1,936,896.0	41.8	9,385	4,805,120.0	32.0	31	16,017
512KB	125	60% Seq 60% Read	480	300	4,869	2,492,928.0	32.7	3,409	1,745,408.0	41.3	8,278	4,238,336.0	36.2	27	14,127
512KB	126	30% Seq 60% Read	480	300	4,767	2,440,704.0	36.6	3,014	1,543,168.0	41.6	7,781	3,983,872.0	38.6	25	13,279
512KB	127	0% Seq 60% Read	480	300	4,451	2,278,912.0	39.1	2,984	1,527,808.0	42.2	7,435	3,806,720.0	40.4	24	12,689
512KB	128	100% Seq 30% Read	480	300	2,565	1,313,280.0	28.1	6,012	3,078,144.0	37.9	8,577	4,391,424.0	35.0	28	14,638
512KB	129	60% Seq 30% Read	480	300	2,347	1,201,664.0	35.8	5,493	2,812,416.0	39.3	7,840	4,014,080.0	38.3	26	13,380
512KB	130	30% Seq 30% Read	480	300	2,235	1,144,320.0	37.6	5,159	2,641,408.0	41.9	7,394	3,785,728.0	40.6	24	12,619
512KB	131	0% Seq 30% Read	480	300	2,251	1,152,512.0	38.9	5,137	2,630,144.0	41.3	7,388	3,782,656.0	40.6	24	12,608
512KB	132	100% Seq 0% Read	480	300	-	-	-	8,859	4,535,808.0	33.9	8,859	4,535,808.0	33.9	29	15,119
512KB	133	60% Seq 0% Read	480	300	-	-	-	7,982	4,086,784.0	37.6	7,982	4,086,784.0	37.6	26	13,622
512KB	134	30% Seq 0% Read	480	300	-	-	-	7,487	3,833,344.0	40.1	7,487	3,833,344.0	40.1	24	12,777
512KB	135	0% Seq 0% Read	480	300	-	-	-	7,371	3,773,952.0	40.7	7,371	3,773,952.0	40.7	24	12,579

Your performance WILL vary

Worker count = 1

5/17/2013

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

Fujitsu 7.2K 160GB 2.5" RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
1024KB	137	100% Seq 100% Read	480	300	12,810	13,117,440.0	23.4	-	-	-	12,810	13,117,440.0	23.4	42	43,724
1024KB	138	60% Seq 100% Read	480	300	7,561	7,742,464.0	39.7	-	-	-	7,561	7,742,464.0	39.7	25	25,808
1024KB	139	30% Seq 100% Read	480	300	6,298	6,449,152.0	47.6	-	-	-	6,298	6,449,152.0	47.6	20	21,497
1024KB	140	0% Seq 100% Read	480	300	5,856	5,996,544.0	51.2	-	-	-	5,856	5,996,544.0	51.2	19	19,988
1024KB	141	100% Seq 60% Read	480	300	4,094	4,192,256.0	37.4	2,808	2,875,392.0	52.4	6,902	7,067,648.0	43.5	23	23,558
1024KB	142	60% Seq 60% Read	480	300	3,856	3,948,544.0	43.3	2,567	2,628,608.0	51.8	6,423	6,577,152.0	46.7	21	21,923
1024KB	143	30% Seq 60% Read	480	300	3,539	3,623,936.0	47.7	2,328	2,383,872.0	56.3	5,867	6,007,808.0	51.1	19	20,026
1024KB	144	0% Seq 60% Read	480	300	3,503	3,587,072.0	49.9	2,276	2,330,624.0	55.0	5,779	5,917,696.0	51.9	19	19,725
1024KB	145	100% Seq 30% Read	480	300	2,129	2,180,096.0	34.0	4,812	4,927,488.0	47.3	6,941	7,107,584.0	43.2	23	23,691
1024KB	146	60% Seq 30% Read	480	300	1,781	1,823,744.0	45.6	4,181	4,281,344.0	52.3	5,962	6,105,088.0	50.3	19	20,350
1024KB	147	30% Seq 30% Read	480	300	1,690	1,730,560.0	48.8	4,048	4,145,152.0	53.7	5,738	5,875,712.0	52.3	19	19,585
1024KB	148	0% Seq 30% Read	480	300	1,695	1,735,680.0	49.2	4,000	4,096,000.0	54.1	5,695	5,831,680.0	52.7	18	19,438
1024KB	149	100% Seq 0% Read	480	300	-	-	-	6,738	6,899,712.0	44.5	6,738	6,899,712.0	44.5	22	22,999
1024KB	150	60% Seq 0% Read	480	300	-	-	-	6,029	6,173,696.0	49.8	6,029	6,173,696.0	49.8	20	20,578
1024KB	151	30% Seq 0% Read	480	300	-	-	-	5,516	5,648,384.0	54.4	5,516	5,648,384.0	54.4	18	18,827
1024KB	152	0% Seq 0% Read	480	300	-	-	-	5,565	5,698,560.0	53.9	5,565	5,698,560.0	53.9	18	18,995

Your performance WILL vary

Worker count = 1

5/17/2013

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

Fujitsu 7.2K 160GB 2.5" RAW (Non-filessystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Fuji 7.2K Avg Resp (R+W)	Fuji 7.2K IOP Sec (R+W)	Fuji 2.5" Bandwidth KB Sec (R+W)
2048KB	154	100% Seq 100% Read	480	300	5,701	11,675,648.0	52.6	-	-	-	5,701	11,675,648.0	52.6	19	38,918
2048KB	155	60% Seq 100% Read	480	300	4,482	9,179,136.0	66.9	-	-	-	4,482	9,179,136.0	66.9	14	30,597
2048KB	156	30% Seq 100% Read	480	300	4,250	8,704,000.0	70.6	-	-	-	4,250	8,704,000.0	70.6	14	29,013
2048KB	157	0% Seq 100% Read	480	300	4,080	8,355,840.0	73.5	-	-	-	4,080	8,355,840.0	73.5	13	27,852
2048KB	158	100% Seq 60% Read	480	300	2,696	5,521,408.0	54.9	1,844	3,776,512.0	82.4	4,540	9,297,920.0	66.1	15	30,993
2048KB	159	60% Seq 60% Read	480	300	2,410	4,935,680.0	71.6	1,636	3,350,528.0	77.9	4,046	8,286,208.0	74.1	13	27,620
2048KB	160	30% Seq 60% Read	480	300	2,373	4,859,904.0	73.6	1,517	3,106,816.0	82.6	3,890	7,966,720.0	77.1	12	26,555
2048KB	161	0% Seq 60% Read	480	300	2,391	4,896,768.0	72.6	1,575	3,225,600.0	80.2	3,966	8,122,368.0	75.6	13	27,074
2048KB	162	100% Seq 30% Read	480	300	1,187	2,430,976.0	62.9	2,857	5,851,136.0	78.9	4,044	8,282,112.0	74.2	13	27,607
2048KB	163	60% Seq 30% Read	480	300	1,157	2,369,536.0	67.4	2,808	5,750,784.0	79.1	3,965	8,120,320.0	75.7	13	27,067
2048KB	164	30% Seq 30% Read	480	300	1,206	2,469,888.0	69.3	2,703	5,535,744.0	80.0	3,909	8,005,632.0	76.7	13	26,685
2048KB	165	0% Seq 30% Read	480	300	1,167	2,390,016.0	71.5	2,699	5,527,552.0	80.2	3,866	7,917,568.0	77.6	12	26,391
2048KB	166	100% Seq 0% Read	480	300	-	-	-	4,442	9,097,216.0	67.5	4,442	9,097,216.0	67.5	14	30,324
2048KB	167	60% Seq 0% Read	480	300	-	-	-	4,081	8,357,888.0	73.5	4,081	8,357,888.0	73.5	13	27,859
2048KB	168	30% Seq 0% Read	480	300	-	-	-	3,901	7,989,248.0	76.9	3,901	7,989,248.0	76.9	13	26,630
2048KB	169	0% Seq 0% Read	480	300	-	-	-	3,810	7,802,880.0	78.7	3,810	7,802,880.0	78.7	12	26,009