MEDIAN of duration									prefetch matches													
									0						32							
caching	test	scan_type	build	machine	dataset	nvalues	distance	rows	1	10	100	1000	10000	100000	1	10	100	1000	10000	100000	1	10	100	1000	10000	100000
cached	btree-saop	bitmapscan	master	i5	cycle	5	1	1000000	7.4	7.4	7.8	11.3	42.9	273.7	7.3	7.3	7.7	11.5	44.6	278.2	98%	99%	99%	102%	104%	102%
								10000000	7.2	7.4	8.0	11.2	43.3	380.0	7.4	7.3	7.8	11.2	44.5	398.2	102%	99%	98%	101%	103%	105%
								50000000	7.4	7.4	7.7	11.4	43.2	387.1	7.8	7.6	7.7	11.4	45.0	408.1	106%	102%	100%	100%	104%	105%
							10	1000000	7.3	7.3	8.0	13.0	60.9		7.3	7.4	7.9	13.1	65.4		101%	102%	99%	101%	107%	
								10000000	7.3	7.4	8.0	13.3	61.8	1359.8	7.3	7.3	8.0	13.3	65.3	1534.0	100%	99%	99%	100%	106%	113%
								50000000	7.5	7.5	8.2	13.1	62.5	51065.4	7.8	7.4	8.0	13.4	65.7	1546.4	104%	99%	97%	102%	105%	3%
						10	1	1000000	7.3	7.4	8.1	13.8	66.9		7.3	7.5	8.1	13.8	70.1		100%	101%	101%	100%	105%	
								10000000	7.2	7.4	8.2	13.6	68.5	1144.5	7.2	7.4	7.9	13.6	70.1	1215.3	99%	101%	96%	100%	102%	106%
								50000000	7.6	7.5	8.9	13.6	68.6	1142.4	7.4	7.6	8.7	13.8	70.1	1224.6	97%	102%	98%	101%	102%	107%
							10	1000000	7.4	7.4	8.5	17.6			7.3	7.5	8.6	18.5			99%	101%	102%	105%		
								10000000	7.3	7.4	8.6	17.6	107.5		7.3	7.3	8.4	18.6	114.9		100%	100%	98%	106%	107%	
								50000000	7.4	7.7	9.6	17.6	108.5	32340.1	7.5	7.5	9.5	18.2	114.0	2684.3	101%	97%	99%	103%	105%	8%
						100	1	1000000	7.6	8.2	12.8	56.4			7.7	8.1	12.9	59.1			102%	99%	100%	105%		
								10000000	7.6	8.2	12.9	56.4	500.9		7.8	8.2	12.8	57.5	520.6		103%	99%	99%	102%	104%	
								50000000	7.7	9.1	12.9	56.7	501.8	37775.7	7.8	8.2	12.8	57.6	510.7	10552.6	100%	91%	99%	102%	102%	28%
							10	1000000	7.7	8.4	17.1				7.6	8.6	18.0				100%	103%	105%			
								10000000	7.7	8.5	17.3	100.1			7.7	8.6	18.0	107.9			100%	100%	104%	108%		
								50000000	7.7	9.4	17.2	100.4	14253.9		7.8	9.9	18.0	107.5	2457.1		101%	105%	105%	107%	17%	
					random	5	1	1000000	7.3	7.4	8.3	15.4	63.6	272.9	7.2	7.3	8.1	16.2	68.7	282.5	99%	100%	99%	105%	108%	104%
								10000000	7.2	7.4	8.3	15.3	81.8	1446.3	7.3	7.3	8.3	15.8	86.9	1636.0	102%	99%	101%	104%	106%	113%
								50000000	7.4	7.4	8.3	15.2	84.7	46108.7	7.6	7.4	8.3	15.8	89.3	2258.4	103%	100%	100%	104%	105%	5%
							10	1000000	7.3	7.4	8.3	15.7	63.9		7.3	7.3	8.2	16.2	68.7		100%	98%	99%	103%	107%	
								10000000	7.3	7.4	8.1	15.3	81.5	1439.3	7.5	7.4	8.2	16.3	86.9	1650.6	102%	100%	101%	106%	107%	115%
								50000000	7.4	7.4	8.3	15.3	84.2	47287.6	7.5	7.4	8.2	15.7	90.0	2253.4	101%	100%	99%	103%	107%	5%
						10	1	1000000	7.2	7.5	9.2	21.5	96.6		7.4	7.5	9.2	23.0	103.2		102%	100%	101%	107%	107%	
								10000000	7.2	7.5	9.2	22.9	153.0	2038.9	7.3	7.5	9.2	24.0	165.5	2311.3	102%	100%	100%	105%	108%	113%
								50000000	7.6	7.8	9.9	23.0	163.7	35169.9	7.6	7.5	10.2	24.0	174.6	6552.9	100%	95%	103%	104%	107%	19%
							10	1000000	7.2	7.5	9.2	21.7			7.2	7.4	9.2	22.9			100%	99%	101%	106%		
								10000000	7.3	7.5	9.0	22.9	154.5		7.3	7.4	9.3	24.2	165.2		100%	99%	103%	106%	107%	
								50000000	7.4	7.5	10.2	23.7	164.4	35358.8	7.3	7.5	10.2	24.4	174.5	7626.6	100%	100%	100%	103%	106%	22%
						100	1	1000000	7.9	9.2	22.3	96.5			7.6	9.4	23.5	104.0			96%	102%	106%	108%		
								10000000	7.9	9.4	23.2	153.7	2039.0		7.8	9.4	24.9	165.2	2295.8		98%	100%	107%	107%	113%	
								50000000	8.0	10.1	23.4	164.8	35193.1	20256.5	7.9	10.3	24.4	177.0	5081.4	38838.2	99%	102%	104%	107%	14%	192%
							10	1000000	7.9	9.3	22.2				7.9	9.5	23.3				100%	103%	105%			
								10000000	7.8	9.4	23.6	153.6			7.9	9.7	24.3	165.3			101%	102%	103%	108%		
								50000000	8.0	10.2	23.4	164.6	35235.2		8.0	10.4	24.2	175.3	10908.9		100%	102%	104%	107%	31%	
					sequential	5	1	1000000	7.2	7.4	7.6	10.5	30.9	235.0	7.4	7.4	7.5	10.5	31.2	239.0	102%	100%	99%	100%	101%	102%
								10000000	7.3	7.3	7.5	9.8	30.9	236.6	7.2	7.3	7.6	9.9	31.2	240.1	99%	100%	102%	102%	101%	101%
								50000000	7.4	7.4	8.7	9.8	31.0	237.2	7.4	7.4	7.6	9.9	31.2	240.4	100%	101%	88%	101%	100%	101%
							10	1000000	7.3	7.3	7.5	10.4	31.1		7.3	7.4	7.6	10.5	31.1		100%	101%	102%	101%	100%	
								10000000	7.2	7.3	7.5	9.8	31.1	236.8	7.2	7.4	7.4	10.6	31.3	240.2	99%	100%	100%	108%	101%	101%
								50000000	7.4	7.5	7.6	9.7	31.0	240.4	7.2	7.3	7.5	10.0	31.3	240.9	98%	97%	99%	103%	101%	100%
						10	1	1000000	7.4	7.4	7.8	12.4	55.0		7.2	7.4	7.8	12.2	54.6		98%	100%	101%	99%	99%	
								10000000	7.3	7.4	7.9	12.2	54.1	465.4	7.3	7.5	7.8	12.3	54.8	472.9	99%	102%	99%	100%	101%	102%
								50000000	7.3	7.3	8.6	12.3	54.1	466.9	7.3	7.4	8.6	12.2	54.9	475.6	100%	101%	101%	100%	101%	102%
							10	1000000	7.3	7.4	7.9	12.2			7.4	7.3	7.9	12.5			102%	99%	100%	103%		
								10000000	7.3	7.4	7.8	12.0	54.0		7.4	7.5	7.8	12.5	54.7		102%	100%	100%	104%	101%	
								50000000	7.3	7.7	7.9	12.1	54.3	465.7	7.4	7.5	7.8	12.4	54.8	474.5	101%	98%	99%	103%	101%	102%
						100	1	1000000	7.5	8.3	12.8	54.4			7.6	8.2	12.7	54.9			102%	99%	99%	101%		
								10000000	7.8	8.2	12.8	54.2	467.3		7.5	8.2	12.5	55.0	476.8		96%	100%	98%	102%	102%	
								50000000	7.7	8.4	12.5	54.4	467.8	9066.7	7.7	8.7	12.8	55.2	475.4	9330.5	100%	104%	102%	101%	102%	103%
							10	1000000	7.8	8.4	13.0				7.9	8.2	12.9				101%	98%	99%			
								10000000	7.6	8.3	12.8	54.4			7.6	8.4	12.9	55.3			100%	102%	101%	102%		
								50000000	7.8	9.4	12.7	54.7	469.2		7.7	8.4	12.9	55.4	475.7		98%	90%	101%	101%	101%	
				xeon	cycle	5	1	1000000	8.7	9.0	8.9	13.1	49.6	444.2	9.6	9.2	8.9	13.0	51.3	349.9	110%	102%	99%	100%	103%	79%
								10000000	8.5	9.5	9.0	13.9	53.6	556.3	9.1	9.2	8.9	12.9	51.1	540.2	107%	97%	98%	93%	95%	97%

							100000000	9.0	8.9	10.2	13.3	50.2	542.9	9.1	9.2	9.7	13.6	52.6	574.0	101%	103%	95%	102%	105%	106%
						10	1000000	9.4	9.2	9.3	15.1	76.7		9.6	9.1	8.9	15.6	80.2		103%	99%	96%	103%	105%	
							10000000	8.9	9.0	9.7	15.9	76.3	1781.5	9.1	9.2	9.2	14.9	81.5	1935.5	102%	102%	95%	93%	107%	109%
							100000000	9.7	9.3	10.3	16.4	83.4	1878.2	9.0	9.8	10.0	14.9	80.9	1958.5	93%	105%	97%	91%	97%	104%
					10	1	1000000	9.4	9.4	9.6	16.8	82.9		9.9	9.2	9.7	16.3	80.7		105%	98%	101%	97%	97%	
							10000000	8.6	9.2	9.2	16.6	84.0	1568.1	8.9	8.7	9.6	16.2	86.5	1646.7	103%	95%	104%	98%	103%	105%
							100000000	8.9	9.7	11.0	17.2	83.8	1583.3	9.1	9.6	10.8	16.6	81.0	1592.1	102%	99%	99%	97%	97%	101%
						10	1000000	9.3	9.5	9.8	20.8			9.2	9.5	10.3	21.3			99%	100%	105%	102%		
							10000000	8.7	9.3	11.4	20.7	135.6		9.2	8.9	10.2	21.4	142.2		105%	96%	89%	103%	105%	
							100000000	9.1	9.7	11.0	21.9	138.7	3190.4	9.4	9.9	10.2	21.0	142.7	3401.8	103%	103%	93%	96%	103%	107%
					100	1	1000000	8.9	10.4	15.5	69.7			9.6	10.2	15.6	69.3			108%	98%	101%	99%		
							10000000	9.2	10.4	14.9	68.7	795.1		9.2	10.5	14.8	69.5	870.6		100%	101%	99%	101%	109%	
							100000000	9.7	9.6	15.3	80.0	825.6	9946.2	9.7	10.5	15.5	70.1	814.1	10298.5	100%	109%	101%	88%	99%	104%
						10	1000000	9.4	10.6	20.4				8.7	10.2	20.6				92%	96%	101%			
							10000000	9.6	10.5	20.7	121.6			9.2	10.6	20.9	135.5			96%	101%	101%	111%		
							100000000	9.7	10.2	20.8	119.0	3018.6		9.9	10.1	21.0	123.0	3192.0		103%	99%	101%	103%	106%	
				random	5	1	1000000	8.7	9.7	10.9	18.2	78.9	434.9	8.7	9.6	9.5	17.9	85.0	336.8	99%	99%	87%	98%	108%	77%
							10000000	8.7	8.8	11.3	19.3	99.5	1931.2	9.4	9.3	10.2	18.2	98.1	2132.4	108%	106%	90%	94%	99%	110%
							100000000	8.8	9.5	9.8	18.2	104.2	2770.1	8.5	9.1	10.7	18.6	110.3	3013.9	97%	96%	110%	102%	106%	109%
						10	1000000	9.0	9.3	11.0	17.7	78.3		9.1	9.8	10.2	18.0	82.4		102%	106%	93%	102%	105%	
							10000000	8.9	9.5	11.1	18.6	98.2	1979.7	9.2	9.2	10.2	18.0	106.0	2105.2	104%	97%	91%	97%	108%	106%
							100000000	9.1	8.9	10.7	18.7	103.3	2725.6	8.8	8.8	9.8	18.4	111.0	3016.9	97%	99%	91%	98%	107%	111%
					10	1	1000000	9.2	9.7	12.0	25.3	110.6		9.1	10.0	11.0	26.1	127.7		99%	103%	92%	103%	115%	
							10000000	8.8	9.0	11.2	28.0	186.6	2689.1	9.0	8.6	10.8	27.8	201.6	2959.5	102%	95%	96%	99%	108%	110%
							100000000	9.0	9.6	10.5	28.9	184.6	5153.6	8.7	9.3	10.3	28.3	211.3	5773.7	96%	97%	98%	98%	114%	112%
						10	1000000	8.4	10.2	10.2	25.1			9.0	9.7	10.7	25.9			108%	95%	104%	103%		
							10000000	9.5	8.9	10.9	27.6	186.5		9.5	9.0	12.0	27.5	201.6		100%	101%	111%	99%	108%	
							100000000	8.4	9.4	12.0	28.4	201.0	5241.1	9.0	9.0	10.9	26.9	214.7	5524.9	107%	96%	91%	94%	107%	105%
					100	1	1000000	9.5	11.4	26.8	111.8			9.7	11.5	26.2	117.4			102%	101%	98%	105%		
							10000000	9.7	11.0	27.6	187.2	2781.0		9.5	11.8	28.1	203.3	2896.5		98%	107%	102%	109%	104%	
							100000000	9.8	10.9	28.2	199.4	5156.1	31720.6	9.5	11.0	28.4	212.8	5771.9	35023.1	97%	101%	101%	107%	112%	110%
						10	1000000	9.9	12.0	25.5				9.1	11.9	26.4				92%	99%	104%			
							10000000	9.5	11.9	27.5	189.3			9.7	11.8	27.7	203.6			103%	99%	101%	108%		
							100000000	9.9	12.2	28.4	182.8	4950.6		9.6	12.3	28.8	207.1	5572.6		97%	101%	101%	113%	113%	
				sequential	5	1	1000000	9.9	9.5	9.0	11.6	37.0	388.7	9.3	9.5	9.3	12.0	37.9	291.1	94%	99%	104%	103%	103%	75%
							10000000	9.7	9.0	9.2	11.2	37.8	387.6	9.3	9.0	9.1	11.4	38.7	351.8	96%	100%	98%	102%	102%	91%
							100000000	9.7	9.0	9.4	12.1	38.0	390.8	9.4	9.6	9.9	11.8	39.1	344.7	97%	107%	106%	98%	103%	88%
						10	1000000	9.1	9.6	9.1	12.2	36.5		9.6	9.4	8.9	12.7	37.8		105%	98%	98%	105%	104%	
							10000000	9.0	9.4	9.4	11.4	36.9	301.2	9.2	8.7	9.7	11.2	37.4	395.4	103%	92%	104%	99%	101%	131%
							100000000	9.3	9.6	8.9	11.9	38.1	392.1	9.3	9.9	9.1	12.7	37.8	386.9	101%	103%	103%	106%	99%	99%
					10	1	1000000	9.6	9.5	9.1	14.9	65.3		9.5	9.7	9.1	15.3	65.5		100%	102%	99%	102%	100%	
							10000000	9.1	8.9	9.8	14.4	65.4	610.2	8.7	8.9	9.7	15.0	66.3	543.1	96%	101%	99%	104%	101%	89%
							100000000	9.6	9.7	9.6	15.0	67.3	706.7	9.5	9.7	9.8	15.0	66.6	627.9	98%	100%	102%	100%	99%	89%
						10	1000000	9.5	9.7	10.1	15.5			9.6	9.3	9.3	15.1			101%	96%	92%	97%		
							10000000	9.2	9.4	9.9	15.1	65.4		8.9	9.9	9.9	14.8	65.5		97%	105%	100%	98%	100%	
							100000000	9.6	9.1	10.4	15.6	65.7	569.8	9.2	10.0	10.0	14.6	67.3	789.8	96%	110%	96%	94%	102%	139%
					100	1	1000000	9.9	10.2	14.8	65.3			9.7	10.3	14.9	65.5			99%	101%	100%	100%		
							10000000	9.6	10.2	14.9	65.6	691.8		9.9	10.5	15.5	66.0	558.5		103%	102%	104%	101%	81%	
							100000000	9.5	9.8	15.2	66.5	708.3	9350.8	9.7	9.9	15.0	67.2	615.6	9475.0	102%	101%	99%	101%	87%	101%
						10	1000000	9.0	10.9	15.4				9.0	10.4	15.2				100%	95%	99%			
							10000000	9.7	10.5	15.3	67.2			9.7	10.6	14.6	68.4			100%	101%	96%	102%		
							100000000	9.4	9.9	15.2	65.9	566.0		9.4	10.3	15.7	66.2	718.8		100%	104%	104%	100%	127%	
	patched	i5		cycle	5	1	1000000	7.2	7.3	7.6	11.1	42.0	269.8	7.3	7.3	7.6	11.3	43.9	276.8	100%	100%	100%	101%	105%	103%
							10000000	7.1	7.2	7.8	11.3	42.8	375.9	7.4	7.2	7.9	11.4	44.3	397.3	105%	100%	101%	101%	103%	106%
							50000000	7.4	7.3	7.7	11.1	42.8	384.0	7.4	7.4	7.6	11.4	44.4	397.3	100%	101%	97%	103%	104%	103%
						10	1000000	7.3	7.4	7.9	12.8	60.4		7.4	7.3	7.9	13.1	64.6		101%	98%	99%	102%	107%	
							10000000	7.3	7.3	8.0	13.0	61.7	1358.2	7.4	7.3	7.9	13.4	64.7	1544.7	100%	100%	99%	103%	105%	114%
							50000000	7.5	7.6	8.0	13.0	62.2	51362.7	7.5	7.4	7.9	13.2	63.9	1550.8	100%	98%	98%	102%	103%	3%
					10	1	1000000	7.2	7.4	8.1	13.7	67.0		7.2	7.3	8.1	13.6	69.3		101%	99%	100%	100%	103%	

					10000000	7.3	7.4	8.1	13.6	67.7	1131.1	7.2	7.4	7.9	13.9	69.5	1224.3	99%	101%	98%	102%	103%	108%
					50000000	7.4	7.6	8.8	13.6	69.2	1137.8	7.4	7.3	8.0	14.0	70.9	1230.6	100%	96%	91%	103%	102%	108%
				10	1000000	7.3	7.3	8.5	17.5			7.2	7.3	8.5	18.2			99%	100%	99%	104%		
					10000000	7.4	7.4	8.4	17.5	106.1		7.3	7.3	8.5	18.4	112.1		100%	99%	101%	105%	106%	
					50000000	7.5	7.5	9.4	17.6	105.9	32467.4	7.5	7.5	9.3	18.3	112.1	2680.0	100%	99%	99%	104%	106%	8%
			100	1	1000000	7.6	8.2	12.9	56.3			7.5	8.0	12.9	57.2			99%	98%	100%	102%		
					10000000	7.7	8.2	13.2	57.5	499.1		7.5	8.1	12.9	57.3	508.0		98%	99%	98%	100%	102%	
					50000000	7.9	8.3	12.8	56.4	500.4	37454.0	7.6	8.4	12.9	57.2	508.3	10526.1	96%	101%	101%	101%	102%	28%
				10	1000000	7.5	8.4	17.2				7.8	8.8	18.0				104%	105%	104%			
					10000000	7.6	8.4	17.0	99.8			7.8	8.8	18.0	106.4			103%	105%	106%	107%		
					50000000	7.8	9.5	17.1	100.1	14314.7		7.9	9.5	17.6	106.5	2457.9		101%	101%	103%	106%	17%	
		random	5	1	1000000	7.2	7.4	8.2	15.5	63.4	271.3	7.1	7.4	8.4	16.1	67.9	280.9	99%	100%	103%	104%	107%	104%
					10000000	7.3	7.4	8.1	15.2	80.7	1447.0	7.3	7.5	8.2	16.1	86.3	1640.5	100%	101%	101%	106%	107%	113%
					50000000	7.4	7.7	8.3	15.5	83.9	46696.0	7.3	7.4	8.3	16.1	87.9	2261.8	98%	96%	99%	104%	105%	5%
				10	1000000	7.3	7.3	8.2	15.6	63.3		7.3	7.3	8.2	16.1	68.2		101%	101%	99%	103%	108%	
					10000000	7.3	7.4	8.2	15.4	81.1	1447.2	7.3	7.4	8.4	16.2	86.1	1644.0	101%	100%	102%	105%	106%	114%
					50000000	7.4	7.3	8.4	15.4	84.0	47062.5	7.4	7.5	8.4	16.0	88.3	2265.9	100%	102%	101%	104%	105%	5%
			10	1	1000000	7.3	7.4	8.9	21.6	96.3		7.3	7.5	9.3	22.8	103.8		100%	101%	105%	106%	108%	
					10000000	7.4	7.5	9.3	23.1	152.2	2029.7	7.2	7.6	9.1	23.7	163.7	2301.7	98%	102%	99%	103%	108%	113%
					50000000	7.5	7.5	9.8	22.9	164.2	35519.9	7.5	7.6	10.2	23.9	173.6	4987.7	100%	102%	104%	104%	106%	14%
				10	1000000	7.4	7.7	9.1	21.9			7.3	7.4	9.2	22.6			99%	97%	102%	103%		
					10000000	7.3	7.4	9.0	22.8	151.7		7.3	7.5	9.3	23.7	164.0		101%	101%	103%	104%	108%	
					50000000	7.5	7.5	10.0	23.0	162.8	35496.5	7.4	7.5	10.3	24.0	172.4	5287.6	99%	101%	103%	104%	106%	15%
			100	1	1000000	7.7	9.1	21.9	96.9			7.8	9.4	23.1	103.4			102%	103%	106%	107%		
					10000000	8.0	9.3	23.1	152.0	2041.1		7.9	9.3	24.1	163.6	2288.4		99%	100%	104%	108%	112%	
					50000000	8.0	10.2	23.3	163.7	35282.2	20179.5	8.0	10.1	24.1	173.2	6343.8	39267.1	100%	99%	103%	106%	18%	195%
				10	1000000	7.9	9.2	22.0				7.7	9.3	23.4				98%	101%	106%			
					10000000	7.8	9.4	22.7	153.3			7.8	9.5	25.1	164.9			100%	101%	110%	108%		
					50000000	7.7	10.1	23.4	163.2	35376.2		8.0	10.3	24.2	173.7	8749.9		103%	102%	104%	106%	25%	
		sequential	5	1	1000000	7.1	7.3	7.6	10.4	30.8	234.2	7.3	7.3	7.5	9.8	31.0	238.7	102%	101%	99%	94%	100%	102%
					10000000	7.3	7.3	7.6	10.0	31.0	235.1	7.3	7.3	7.5	9.9	31.4	239.2	100%	100%	99%	99%	101%	102%
					50000000	7.6	7.3	7.6	9.7	30.9	239.4	7.3	7.3	7.9	10.0	31.2	240.6	96%	100%	104%	103%	101%	101%
				10	1000000	7.4	7.3	7.6	10.5	30.9		7.3	7.2	7.5	10.4	31.4		100%	100%	100%	100%	102%	
					10000000	7.3	7.4	7.6	10.6	30.8	235.1	7.2	7.4	7.6	10.1	31.4	239.2	98%	100%	100%	95%	102%	102%
					50000000	7.4	7.3	7.5	10.0	31.0	241.3	7.3	7.5	7.5	10.1	31.3	240.9	100%	103%	100%	100%	101%	100%
			10	1	1000000	7.1	7.4	7.8	12.5	53.5		7.2	7.3	7.8	12.2	54.5		102%	100%	100%	97%	102%	
					10000000	7.3	7.3	7.8	12.3	53.8	464.0	7.3	7.4	7.9	12.2	54.8	472.1	99%	101%	101%	99%	102%	102%
					50000000	7.2	7.5	7.8	12.4	53.7	465.1	7.4	7.5	7.8	12.4	54.6	473.6	102%	101%	99%	100%	102%	102%
				10	1000000	7.3	7.3	7.7	12.3			7.2	7.3	7.7	12.3			99%	100%	100%	101%		
					10000000	7.3	7.3	7.9	12.3	53.7		7.2	7.3	7.9	12.3	54.8		99%	99%	101%	100%	102%	
					50000000	7.5	7.5	7.8	12.2	53.9	466.6	7.4	7.8	7.9	12.3	54.6	475.6	98%	103%	101%	101%	101%	102%
			100	1	1000000	7.6	8.0	12.7	54.1			7.6	8.0	12.7	54.9			101%	100%	100%	102%		
					10000000	7.6	8.1	12.5	54.0	477.5		7.6	7.9	12.9	54.9	477.2		100%	98%	103%	102%	100%	
					50000000	7.8	8.1	12.5	54.3	467.2	9161.4	7.7	8.3	12.5	55.1	475.0	9213.6	100%	102%	100%	101%	102%	101%
				10	1000000	7.7	8.3	13.1				7.7	8.2	13.0				101%	99%	99%			
					10000000	7.9	8.4	12.8	54.3			7.6	8.1	12.9	56.6			97%	97%	101%	104%		
					50000000	7.6	9.1	12.9	54.4	466.8		7.8	8.4	12.9	55.3	475.4		102%	92%	100%	102%	102%	
	xeon	cycle	5	1	1000000	8.7	9.4	10.1	13.7	50.1	447.2	8.9	9.1	9.9	13.2	51.0	460.9	103%	96%	97%	96%	102%	103%
					10000000	8.8	9.5	9.1	13.5	53.4	526.5	9.2	9.2	9.5	12.8	53.3	586.8	104%	96%	104%	94%	100%	111%
					100000000	9.3	9.5	10.7	14.1	53.0	572.6	9.6	9.7	10.0	13.3	53.4	563.2	103%	103%	93%	94%	101%	98%
				10	1000000	9.3	9.7	10.6	15.7	71.5		9.2	9.6	10.1	15.9	80.6		98%	99%	95%	101%	113%	
					10000000	9.2	9.6	9.1	14.7	78.0	1761.2	9.1	10.2	9.1	15.9	80.5	1921.4	99%	106%	100%	108%	103%	109%
					100000000	9.7	9.6	10.4	16.0	83.9	1858.9	9.1	9.2	10.3	15.0	80.9	1938.5	94%	96%	100%	94%	96%	104%
			10	1	1000000	9.1	9.7	10.6	16.6	78.2		8.8	9.5	10.6	16.5	80.4		97%	97%	99%	99%	103%	
					10000000	9.2	9.3	9.4	16.7	83.9	1626.2	9.0	9.6	9.6	17.4	86.2	1665.9	98%	104%	102%	104%	103%	102%
					100000000	9.4	9.4	10.6	16.6	84.7	1567.7	9.5	9.1	9.7	16.2	85.8	1653.5	101%	97%	92%	97%	101%	105%
				10	1000000	9.1	9.7	9.6	21.3			9.1	9.7	9.5	20.8			100%	100%	99%	98%		
					10000000	9.2	9.8	11.3	21.3	134.1		9.0	9.8	10.9	21.0	136.2		98%	100%	97%	99%	102%	
					100000000	8.8	9.3	10.6	22.0	138.1	3125.6	9.0	9.3	9.8	21.3	143.3	3428.0	102%	100%	92%	97%	104%	110%

						100	1	1000000	9.2	9.7	15.4	69.5			9.5	10.2	15.0	69.7			104%	105%	97%	100%		
								10000000	9.7	10.8	15.0	68.8	837.9		9.6	10.2	14.9	68.8	781.8		98%	94%	100%	100%	93%	
								100000000	9.9	10.1	15.1	69.5	803.7	9935.7	9.7	9.9	16.0	83.9	804.2	10446.0	97%	98%	106%	121%	100%	105%
							10	1000000	9.3	10.8	20.0				9.7	10.8	20.4				104%	100%	102%			
								10000000	9.5	11.2	20.5	127.8			9.3	10.9	20.3	136.1			98%	98%	99%	106%		
								100000000	9.7	11.7	20.6	128.1	2920.7		9.4	11.2	21.3	125.6	3155.3		97%	95%	103%	98%	108%	
					random	5	1	1000000	9.3	9.8	9.9	17.9	78.7	431.4	9.0	9.7	9.2	17.6	84.6	339.9	97%	99%	92%	99%	107%	79%
								10000000	9.2	9.7	11.5	18.2	98.2	1949.6	9.1	9.0	10.4	17.9	99.5	2115.3	99%	93%	90%	98%	101%	108%
								100000000	9.9	9.7	11.2	18.6	103.9	2772.0	9.7	10.0	10.3	18.1	109.8	2990.9	98%	103%	92%	98%	106%	108%
							10	1000000	9.4	9.5	10.2	18.0	79.3		8.8	9.6	9.6	17.7	83.9		94%	101%	94%	98%	106%	
								10000000	9.7	8.9	11.0	17.9	98.2	1877.9	9.2	9.2	10.1	18.2	105.9	2019.3	94%	103%	92%	101%	108%	108%
								100000000	9.1	9.5	10.2	19.4	104.8	2738.3	9.1	9.5	9.9	18.0	109.6	3015.7	100%	99%	97%	93%	105%	110%
						10	1	1000000	9.0	9.5	10.9	26.1	118.3		8.9	9.3	10.2	26.3	126.8		98%	97%	93%	101%	107%	
								10000000	9.4	9.9	11.5	26.6	186.9	2734.7	9.1	9.6	11.6	27.5	203.4	2954.6	97%	97%	101%	103%	109%	108%
								100000000	9.2	10.4	10.5	27.7	186.7	5057.6	9.3	9.9	10.3	27.6	196.2	5427.0	100%	95%	99%	99%	105%	107%
							10	1000000	8.9	9.4	11.5	25.8			9.2	8.9	11.4	26.0			103%	95%	99%	101%		
								10000000	9.1	9.5	10.3	27.2	187.5		9.3	9.5	10.3	27.1	202.5		102%	100%	100%	100%	108%	
								100000000	9.7	10.2	10.4	27.3	199.6	5093.7	9.7	9.0	10.7	26.6	212.7	5474.7	100%	89%	103%	98%	107%	107%
						100	1	1000000	9.5	12.0	25.4	121.4			9.5	11.8	26.4	127.9			100%	98%	104%	105%		
								10000000	10.1	11.7	26.5	188.8	2774.7		9.5	10.9	28.1	203.2	2941.5		95%	93%	106%	108%	106%	
								100000000	9.1	10.7	27.4	189.1	4950.9	32277.6	9.7	10.6	27.7	199.9	5361.1	35472.7	106%	99%	101%	106%	108%	110%
							10	1000000	9.8	11.4	26.1				9.3	11.5	26.1				96%	101%	100%			
								10000000	9.2	10.8	26.5	188.1			9.1	11.1	27.4	197.8			99%	103%	103%	105%		
								100000000	9.3	12.0	27.3	201.8	4968.2		9.8	11.0	28.1	215.4	5399.6		105%	92%	103%	107%	109%	
					sequential	5	1	1000000	9.0	10.0	9.7	11.9	37.7	398.3	9.2	9.6	9.8	12.2	38.2	271.4	102%	96%	101%	103%	101%	68%
								10000000	9.2	9.6	9.4	11.4	36.2	284.9	9.2	9.8	9.1	12.2	37.3	387.2	100%	101%	97%	106%	103%	136%
								100000000	9.1	9.2	10.2	12.0	38.1	394.7	9.8	9.6	9.7	12.5	37.9	397.6	107%	105%	95%	104%	100%	101%
							10	1000000	8.8	9.5	9.9	12.3	38.3		8.7	9.6	9.9	11.6	36.9		100%	101%	100%	95%	96%	
								10000000	8.9	9.6	9.2	11.5	36.4	286.6	8.9	9.8	9.7	11.4	36.6	346.1	100%	102%	106%	99%	101%	121%
								100000000	9.6	9.9	9.6	11.6	37.7	414.2	9.3	9.7	9.6	12.3	38.1	403.0	96%	98%	99%	106%	101%	97%
						10	1	1000000	8.5	9.6	10.4	15.8	62.9		8.5	9.7	9.4	14.9	66.5		99%	102%	90%	95%	106%	
								10000000	9.6	9.3	9.7	14.4	62.5	530.8	9.4	9.5	10.0	14.5	65.7	662.3	97%	102%	103%	101%	105%	125%
								100000000	9.4	9.6	9.9	15.4	64.0	728.1	9.3	9.8	9.4	15.5	67.2	684.5	98%	102%	95%	100%	105%	94%
							10	1000000	8.4	9.7	9.5	15.3			8.8	9.1	9.3	15.1			105%	93%	98%	99%		
								10000000	9.5	9.5	10.2	14.7	66.2		9.4	9.8	9.6	14.2	66.0		99%	103%	94%	97%	100%	
								100000000	8.7	9.5	9.5	15.1	65.9	748.9	10.1	9.7	9.4	15.0	66.1	639.3	117%	103%	99%	100%	100%	85%
						100	1	1000000	8.9	10.1	14.9	65.9			8.9	10.0	14.8	64.0			100%	100%	100%	97%		
								10000000	9.4	10.5	14.7	66.1	732.8		9.6	10.3	15.2	64.6	686.9		102%	98%	103%	98%	94%	
								100000000	9.8	10.1	15.5	65.7	747.7	9183.6	9.7	10.4	14.7	67.6	545.5	9453.2	99%	103%	95%	103%	73%	103%
							10	1000000	9.2	10.6	15.1				9.3	10.7	15.3				101%	101%	101%			
								10000000	10.0	10.2	15.2	67.2			10.0	10.1	15.0	68.2			100%	99%	99%	102%		
								100000000	9.6	10.0	16.0	67.3	791.9		10.2	10.5	15.4	67.6	673.1		106%	105%	96%	100%	85%	
	indexscan	master	i5		cycle	5	1	1000000	7.3	7.3	7.8	11.8	50.0	326.2	7.2	7.5	7.8	11.5	51.1	330.4	99%	102%	99%	97%	102%	101%
								10000000	7.2	7.4	7.9	11.7	49.8	450.6	7.2	7.3	7.9	11.5	50.0	449.2	100%	99%	101%	98%	100%	100%
								50000000	7.4	7.3	7.6	11.7	50.0	450.0	7.5	7.6	7.8	11.7	51.0	446.5	101%	104%	102%	100%	102%	99%
							10	1000000	7.3	7.3	7.9	12.7	56.6		7.3	7.3	7.9	12.6	56.4		100%	100%	100%	99%	100%	
								10000000	7.3	7.3	7.8	12.7	56.7	1361.9	7.4	7.4	8.0	12.5	57.1	1359.0	101%	100%	101%	98%	101%	100%
								50000000	7.4	7.5	8.2	12.8	57.5	1391.0	7.4	7.5	8.0	12.7	57.6	1374.8	100%	99%	98%	99%	100%	99%
							10	1000000	7.3	7.4	8.4	15.0	87.7		7.3	7.3	8.2	15.3	87.8		101%	99%	98%	102%	100%	
								10000000	7.2	7.4	8.1	15.4	89.1	987.6	7.4	7.3	8.2	15.2	88.0	988.1	102%	100%	101%	99%	99%	100%
								50000000	7.4	7.5	9.2	15.5	88.0	988.3	7.4	7.4	9.0	15.5	88.9	989.1	100%	98%	98%	100%	101%	100%
							10	1000000	7.3	7.6	8.5	17.3			7.3	7.4	8.5	17.1			100%	98%	99%	99%		
								10000000	7.2	7.5	8.4	17.4	102.9		7.2	7.3	8.6	17.3	105.7		101%	98%	102%	99%	103%	
								50000000	7.3	7.5	9.3	17.4	103.2	52130.3	7.5	7.5	9.2	17.3	104.9	54979.8	102%	99%	99%	99%	102%	105%
						100	1	1000000	7.6	8.5	14.8	76.8			7.6	8.2	14.8	76.1			99%	98%	100%	99%		
								10000000	7.8	8.3	14.8	76.7	768.0		7.7	8.5	14.9	76.6	766.7		99%	103%	101%	100%	100%	
								50000000	7.9	8.5	14.9	77.1	765.5	59808.9	7.8	8.7	14.8	76.4	771.7	60230.1	99%	102%	99%	99%	101%	101%
							10	1000000	7.7	8.6	16.7				7.5	8.7	16.7				98%	101%	100%			
								10000000	7.7	8.6	16.8	95.1			7.8	8.8	16.8	94.3			101%	102%	100%	99%		

					50000000	7.8	9.5	17.0	93.9	22536.7		7.9	9.5	16.9	95.8	22533.5		101%	99%	100%	102%	100%	
		random	5	1	1000000	7.2	7.4	8.1	14.0	55.4	328.0	7.2	7.3	8.1	14.0	56.1	321.0	100%	98%	99%	100%	101%	98%
					10000000	7.2	7.5	8.2	14.0	63.8	1448.8	7.2	7.4	8.1	14.2	63.3	1452.9	100%	99%	99%	101%	99%	100%
					50000000	7.4	7.4	8.2	13.7	64.3	1759.1	7.4	7.4	8.5	14.3	67.8	1765.4	100%	100%	104%	105%	105%	100%
				10	1000000	7.3	7.4	8.4	13.3	55.1		7.2	7.4	8.0	14.3	55.5		99%	100%	94%	107%	101%	
					10000000	7.5	7.3	8.2	14.2	63.2	1453.1	7.4	7.6	8.2	13.6	63.5	1448.9	99%	104%	100%	95%	101%	100%
					50000000	7.5	7.3	7.9	13.6	63.6	1783.8	7.4	7.4	8.1	13.5	64.2	1760.8	99%	101%	102%	99%	101%	99%
			10	1	1000000	7.3	7.5	8.9	18.9	98.1		7.4	7.4	8.9	19.1	98.3		100%	99%	100%	101%	100%	
					10000000	7.3	7.5	8.8	19.3	118.1	2646.8	7.5	7.4	8.6	19.4	117.7	2649.5	102%	98%	98%	100%	100%	100%
					50000000	7.6	7.4	9.5	20.8	119.3	90865.8	7.5	7.5	9.7	19.3	119.8	90190.7	99%	101%	103%	93%	100%	99%
				10	1000000	7.2	7.6	8.6	18.9			7.4	7.4	8.7	19.1			103%	98%	101%	101%		
					10000000	7.3	7.5	8.7	19.5	117.2		7.5	7.5	8.6	19.4	118.7		103%	100%	99%	99%	101%	
					50000000	7.3	7.6	9.6	19.4	119.1	89411.3	7.4	7.5	9.6	19.8	120.5	90053.1	100%	98%	100%	102%	101%	101%
			100	1	1000000	7.9	9.1	19.3	102.2			7.6	8.9	19.5	101.6			97%	98%	101%	99%		
					10000000	7.8	9.1	19.9	120.1	2751.5		7.9	9.1	19.9	118.2	2750.1		101%	100%	100%	98%	100%	
					50000000	8.0	10.0	21.2	119.9	97434.0	1002852	7.8	10.0	20.3	119.7	97141.4	1008430	98%	101%	96%	100%	100%	101%
				10	1000000	7.8	9.0	19.4				7.7	8.9	19.6				98%	99%	101%			
					10000000	7.7	9.1	20.0	118.4			7.8	9.0	20.0	118.1			102%	99%	100%	100%		
					50000000	8.0	9.9	20.7	120.2	98966.4		8.0	10.0	20.0	119.6	97650.3		99%	101%	97%	99%	99%	
		sequential	5	1	1000000	7.2	7.3	7.6	10.6	31.3	238.3	7.2	7.4	7.6	10.1	31.4	239.7	99%	102%	100%	95%	100%	101%
					10000000	7.2	7.3	7.6	10.6	31.2	238.2	7.2	7.2	7.5	10.1	31.6	239.7	101%	98%	99%	95%	101%	101%
					50000000	7.4	7.6	7.6	9.9	32.0	240.2	7.3	7.4	9.0	9.8	31.7	240.3	98%	97%	118%	99%	99%	100%
				10	1000000	7.3	7.3	7.6	10.5	31.7		7.3	7.3	7.5	10.1	31.2		100%	100%	99%	96%	99%	
					10000000	7.3	7.2	7.5	10.6	31.2	240.5	7.3	7.3	7.7	9.8	31.5	240.2	101%	101%	102%	93%	101%	100%
					50000000	7.4	7.3	7.5	10.1	31.4	241.3	7.3	7.5	7.6	9.8	31.6	245.6	99%	103%	101%	98%	101%	102%
			10	1	1000000	7.3	7.3	7.7	12.4	54.6		7.3	7.3	7.8	12.5	54.9		99%	100%	100%	101%	101%	
					10000000	7.3	7.3	7.9	12.6	58.4	474.9	7.3	7.4	7.9	12.4	54.8	472.3	100%	101%	100%	99%	94%	99%
					50000000	7.4	7.5	8.7	12.6	54.6	472.6	7.4	7.5	8.6	12.5	54.8	471.2	100%	99%	99%	99%	100%	100%
				10	1000000	7.4	7.3	7.8	12.4			7.3	7.2	7.8	12.5			99%	99%	100%	101%		
					10000000	7.3	7.4	7.9	12.7	54.7		7.4	7.4	7.9	12.3	54.9		102%	100%	101%	97%	100%	
					50000000	7.4	7.5	8.0	12.6	54.9	471.9	7.4	7.8	7.9	12.5	54.8	473.0	100%	104%	99%	99%	100%	100%
			100	1	1000000	7.5	8.2	12.7	55.2			7.5	8.1	13.0	55.3			99%	98%	102%	100%		
					10000000	7.6	8.2	12.6	54.9	471.2		7.5	8.2	12.7	55.2	472.5		99%	100%	101%	101%	100%	
					50000000	7.7	8.1	12.9	55.4	472.6	8957.1	7.8	8.9	12.9	55.4	473.0	8991.5	102%	109%	100%	100%	100%	100%
				10	1000000	7.7	8.3	13.1				7.5	8.3	13.1				98%	100%	100%			
					10000000	7.7	8.3	13.2	55.3			7.7	8.4	12.9	55.2			100%	100%	97%	100%		
					50000000	7.8	9.2	13.2	55.3	472.8		7.9	8.2	13.2	55.6	471.4		101%	90%	100%	100%	100%	
	xeon	cycle	5	1	1000000	8.8	8.8	9.1	13.6	55.9	451.5	9.4	9.0	8.8	13.5	56.9	502.1	106%	103%	97%	99%	102%	111%
					10000000	8.7	9.4	8.9	13.5	57.0	642.4	9.2	9.0	9.1	12.9	56.8	636.1	105%	96%	102%	95%	100%	99%
					100000000	9.1	8.7	10.4	13.2	56.0	637.0	9.4	9.2	9.9	14.6	56.0	639.9	103%	106%	95%	110%	100%	100%
				10	1000000	9.1	9.2	9.1	15.0	67.4		9.2	8.8	8.8	14.8	67.5		101%	96%	97%	99%	100%	
					10000000	9.0	9.2	9.3	14.3	75.1	1850.1	9.1	9.4	9.2	14.3	73.6	1843.5	101%	102%	98%	99%	98%	100%
					100000000	9.6	9.5	10.6	14.7	74.5	1899.4	9.0	9.6	10.0	14.6	75.0	1940.8	94%	101%	95%	99%	101%	102%
			10	1	1000000	9.2	9.8	9.7	17.9	100.1		9.4	9.4	9.8	18.4	98.9		102%	95%	101%	103%	99%	
					10000000	8.6	9.4	9.2	18.0	99.4	1388.9	8.9	9.4	9.8	17.9	100.0	1448.8	104%	100%	106%	99%	101%	104%
					100000000	8.7	9.6	10.5	18.0	99.7	1443.4	8.6	9.1	11.1	17.8	99.7	1368.9	99%	95%	105%	99%	100%	95%
				10	1000000	9.5	9.6	9.8	20.6			9.4	9.5	9.9	20.2			98%	99%	101%	98%		
					10000000	8.7	8.9	11.2	19.4	124.2		8.5	9.3	10.5	20.1	122.6		98%	105%	94%	104%	99%	
					100000000	9.0	9.5	10.5	21.2	123.4	3283.4	9.5	9.3	10.2	20.2	123.7	3346.9	106%	98%	97%	95%	100%	102%
			100	1	1000000	9.0	9.9	16.8	91.4			9.5	10.1	17.3	91.2			105%	102%	103%	100%		
					10000000	9.1	10.5	16.7	90.5	1131.4		9.2	10.8	16.7	91.9	1102.4		101%	103%	100%	102%	97%	
					100000000	9.6	9.5	17.3	91.3	1103.7	16076.6	10.1	10.6	17.6	92.1	1099.8	15563.6	105%	112%	102%	101%	100%	97%
				10	1000000	9.4	10.2	20.0				8.8	10.0	19.4				93%	98%	97%			
					10000000	9.6	10.4	19.6	119.3			9.4	10.4	19.4	117.5			98%	100%	99%	98%		
					100000000	10.4	10.1	19.5	110.0	3251.7		10.1	10.1	20.3	110.5	3432.3		98%	101%	104%	100%	106%	
		random	5	1	1000000	8.5	9.6	10.6	16.5	67.5	477.9	8.8	9.3	9.2	15.5	69.3	486.7	103%	96%	87%	94%	103%	102%
					10000000	8.7	8.5	10.6	16.6	81.8	2030.6	9.4	9.2	10.2	15.7	81.6	2074.8	108%	108%	96%	95%	100%	102%
					100000000	8.9	9.1	10.0	16.1	84.2	2498.0	8.3	9.3	11.1	16.6	85.0	2430.8	93%	101%	111%	103%	101%	97%
				10	1000000	8.6	9.2	10.5	16.5	66.6		9.4	9.9	10.7	15.8	64.3		109%	108%	102%	96%	97%	

						10000000	9.0	9.9	10.9	16.5	79.8	2093.3	9.4	9.4	9.8	16.2	82.1	2077.0	105%	95%	90%	98%	103%	99%
						100000000	8.8	8.7	10.7	17.2	84.1	2566.6	8.6	8.3	9.6	16.7	84.2	2466.7	97%	96%	89%	97%	100%	96%
				10	1	1000000	9.3	9.1	11.9	23.3	110.6		9.1	9.6	10.0	21.9	115.7		98%	105%	84%	94%	105%	
						10000000	8.8	8.8	10.0	23.3	150.0	3725.3	9.1	8.6	10.6	23.4	149.3	3680.3	104%	97%	106%	101%	100%	99%
						100000000	9.0	9.8	10.3	23.4	142.3	4652.0	9.0	9.2	9.8	23.3	157.1	4721.4	99%	94%	95%	100%	110%	101%
					10	1000000	8.5	10.0	9.8	22.5			9.0	9.4	9.8	22.2			105%	94%	101%	98%		
						10000000	9.0	8.8	10.2	23.5	142.6		9.3	8.6	11.2	22.6	150.4		103%	98%	109%	96%	106%	
						100000000	8.5	9.1	11.7	23.9	157.0	4734.3	8.7	8.9	10.0	23.6	156.9	4761.4	103%	98%	86%	99%	100%	101%
				100	1	1000000	9.2	10.4	23.9	114.6			9.7	11.0	23.4	114.2			106%	105%	98%	100%		
						10000000	9.5	10.1	23.7	152.0	3901.4		9.2	11.4	24.3	152.0	3947.5		97%	113%	103%	100%	101%	
						100000000	9.5	10.3	23.6	144.5	5050.4	45675.5	9.2	10.1	24.4	157.3	4965.2	47016.9	98%	98%	104%	109%	98%	103%
					10	1000000	9.6	11.3	22.4				8.9	12.0	22.4				92%	107%	100%			
						10000000	9.2	11.2	23.6	152.0			9.9	11.4	24.6	151.8			107%	101%	105%	100%		
						100000000	9.7	11.2	23.9	140.6	4862.7		10.3	11.8	24.2	142.9	4845.0		106%	105%	101%	102%	100%	
			sequential	5	1	1000000	9.3	9.0	9.1	11.8	38.6	391.6	9.3	9.2	9.3	11.9	38.8	292.1	100%	103%	102%	101%	100%	75%
						10000000	9.3	8.7	9.0	11.6	38.3	404.2	9.4	9.2	8.9	11.7	38.2	342.5	101%	106%	99%	101%	100%	85%
						100000000	9.4	9.1	9.3	12.0	38.8	390.3	9.9	9.8	10.1	12.3	38.6	402.3	105%	108%	109%	102%	99%	103%
					10	1000000	9.3	9.6	8.8	12.7	37.2		9.7	9.7	8.6	12.7	37.7		104%	102%	97%	100%	101%	
						10000000	9.2	9.1	9.5	11.4	38.3	292.2	9.6	9.2	9.6	11.8	38.0	316.6	104%	101%	101%	104%	99%	108%
						100000000	9.4	9.3	9.1	12.5	38.4	392.4	9.5	9.7	8.9	12.0	39.0	387.6	101%	104%	98%	96%	101%	99%
				10	1	1000000	9.2	9.5	9.0	15.0	66.3		9.5	9.5	8.9	15.3	67.8		103%	101%	98%	102%	102%	
						10000000	9.0	8.9	9.6	14.7	67.9	788.6	8.8	8.9	9.6	15.3	67.9	777.1	98%	100%	100%	104%	100%	99%
						100000000	9.6	9.4	9.2	15.1	67.1	645.0	9.5	9.5	9.6	14.7	67.9	608.7	100%	101%	104%	98%	101%	94%
					10	1000000	9.4	9.4	10.1	14.9			9.3	9.1	9.1	15.1			98%	96%	90%	102%		
						10000000	9.1	9.4	9.8	15.4	66.2		9.3	10.0	10.2	15.1	65.6		102%	107%	104%	98%	99%	
						100000000	9.7	9.1	10.1	16.3	67.1	773.8	9.1	9.6	9.8	14.5	65.8	574.7	94%	105%	97%	89%	98%	74%
				100	1	1000000	9.7	9.7	14.8	67.2			10.0	10.5	15.2	67.2			103%	108%	103%	100%		
						10000000	9.1	10.5	15.0	66.9	797.2		9.8	10.3	15.6	67.6	672.8		108%	99%	104%	101%	84%	
						100000000	9.9	9.8	15.3	68.4	770.2	9648.0	10.0	9.6	14.9	67.4	764.0	9348.4	101%	98%	97%	99%	99%	97%
					10	1000000	9.0	10.4	15.8				9.0	10.1	15.7				101%	97%	99%			
						10000000	9.6	10.5	15.7	67.6			9.5	10.5	15.2	69.1			99%	100%	97%	102%		
						100000000	9.2	9.8	15.8	68.5	760.6		9.3	10.8	15.7	69.1	629.7		101%	110%	99%	101%	83%	
	patched	i5	cycle	5	1	1000000	7.4	7.2	7.7	11.9	49.6	322.6	7.3	7.3	8.0	12.0	54.9	331.3	99%	101%	103%	101%	111%	103%
						10000000	7.3	7.2	7.7	11.7	49.9	447.1	7.2	7.3	7.7	12.2	54.9	498.7	98%	101%	101%	104%	110%	112%
						50000000	7.3	7.4	7.9	11.8	50.2	447.2	7.4	7.5	7.9	12.0	55.4	503.0	102%	102%	100%	102%	111%	112%
					10	1000000	7.2	7.3	7.8	12.6	56.2		7.2	7.4	7.9	13.1	61.7		101%	101%	101%	104%	110%	
						10000000	7.3	7.3	7.9	12.6	56.8	1362.5	7.3	7.4	7.9	13.1	62.3	1569.7	101%	101%	101%	104%	110%	115%
						50000000	7.5	7.4	7.9	12.6	56.7	1374.2	7.5	7.4	8.1	13.0	62.9	1573.3	100%	100%	101%	103%	111%	114%
				10	1	1000000	7.3	7.4	8.2	15.3	87.6		7.2	7.5	8.1	15.8	98.5		99%	103%	100%	104%	112%	
						10000000	7.4	7.4	8.2	15.1	87.4	991.1	7.3	7.3	8.2	16.2	97.7	1103.4	98%	99%	100%	107%	112%	111%
						50000000	7.4	7.5	8.9	15.4	89.1	983.3	7.5	7.5	8.2	15.9	98.4	1107.8	101%	100%	92%	103%	110%	113%
					10	1000000	7.2	7.3	8.4	17.2			7.3	7.4	8.5	18.4			101%	101%	100%	107%		
						10000000	7.3	7.5	8.5	17.5	102.4		7.4	7.6	8.5	18.2	113.5		101%	101%	100%	104%	111%	
						50000000	7.5	7.8	9.4	17.4	103.4	53620.2	7.5	7.8	9.5	18.4	114.8	2824.3	100%	100%	102%	106%	111%	5%
				100	1	1000000	7.6	8.3	14.6	76.7			7.4	8.3	15.2	85.4			97%	101%	104%	111%		
						10000000	7.8	8.2	14.5	76.4	770.2		7.5	8.4	15.0	84.2	868.0		97%	102%	103%	110%	113%	
						50000000	7.6	8.5	14.9	76.9	779.7	59594.1	7.8	9.4	15.3	84.8	865.5	15772.3	103%	111%	103%	110%	111%	26%
					10	1000000	7.5	8.7	16.6				7.8	8.8	17.8				105%	101%	108%			
						10000000	7.7	8.6	16.8	94.5			7.8	8.8	17.6	106.4			101%	102%	105%	113%		
						50000000	8.0	9.3	16.9	94.5	22816.4		7.7	9.6	17.9	105.6	2743.4		97%	103%	106%	112%	12%	
			random	5	1	1000000	7.3	7.3	8.2	13.9	55.2	321.4	7.2	7.3	8.2	14.4	61.4	334.8	98%	100%	100%	104%	111%	104%
						10000000	7.2	7.3	8.0	14.1	62.8	1439.4	7.3	7.4	8.1	14.6	67.7	1686.1	101%	101%	101%	103%	108%	117%
						50000000	7.4	7.5	8.3	13.7	63.6	1759.5	7.5	7.4	8.4	14.2	68.8	2075.3	102%	100%	101%	103%	108%	118%
					10	1000000	7.4	7.4	8.2	14.0	55.5		7.3	7.4	8.2	14.8	61.3		99%	101%	100%	105%	111%	
						10000000	7.2	7.3	8.0	14.1	62.9	1444.0	7.4	7.3	8.2	14.5	68.3	1689.1	103%	100%	102%	103%	109%	117%
						50000000	7.6	7.3	8.1	13.7	63.5	1757.6	7.4	7.5	8.2	14.2	69.0	2061.4	98%	101%	101%	104%	109%	117%
				10	1	1000000	7.3	7.4	8.7	19.5	97.8		7.4	7.6	8.8	20.1	109.3		102%	102%	101%	103%	112%	
						10000000	7.2	7.5	8.7	19.1	116.4	2625.6	7.3	7.4	8.7	20.7	126.7	3136.4	101%	99%	101%	108%	109%	119%
						50000000	7.5	7.9	9.8	19.4	118.9	90029.4	7.5	7.6	9.9	20.6	129.8	3951.7	101%	96%	100%	106%	109%	4%

				10	1000000	7.2	7.5	8.9	18.9			7.3	7.6	8.7	20.0			101%	102%	98%	106%		
					10000000	7.3	7.4	8.8	19.2	118.2		7.3	7.6	8.9	20.7	127.0		100%	103%	102%	108%	107%	
					50000000	7.5	7.6	9.8	19.6	119.6	91654.0	7.8	7.6	9.8	20.8	129.7	3913.6	104%	100%	100%	106%	108%	4%
				100	1	1000000	7.8	8.9	19.1	102.9			7.9	9.3	20.6	113.3			101%	104%	107%	110%		
					10000000	7.7	9.1	19.8	117.6	2762.2		7.9	9.2	21.1	127.9	3210.8		103%	101%	106%	109%	116%	
					50000000	8.1	10.0	19.7	118.6	96646.4	1008751	8.1	9.9	21.3	130.0	4080.3	107142.5	99%	99%	108%	110%	4%	11%
					10	1000000	7.8	9.0	19.3				7.7	9.1	20.6				99%	102%	107%			
						10000000	7.9	8.9	20.0	118.1			7.6	9.4	21.0	128.1			97%	106%	105%	108%		
						50000000	7.9	9.9	20.0	119.1	97674.4		7.9	10.2	21.0	130.4	4089.0		100%	103%	105%	109%	4%	
		sequential		5	1	1000000	7.4	7.4	7.6	10.7	31.1	233.4	7.2	7.3	7.6	10.0	31.5	241.7	98%	99%	101%	94%	101%	104%
						10000000	7.3	7.2	7.6	10.6	30.9	235.0	7.3	7.2	7.6	10.7	32.0	243.4	100%	100%	99%	100%	103%	104%
						50000000	7.3	7.4	9.0	9.9	31.3	237.0	7.4	7.3	7.8	9.9	32.3	246.2	101%	99%	86%	100%	103%	104%
					10	1000000	7.3	7.2	7.6	10.4	30.7		7.3	7.3	7.6	10.7	31.7		101%	101%	100%	103%	103%	
						10000000	7.3	7.3	7.6	10.5	31.0	236.1	7.3	7.3	7.6	10.2	31.8	242.2	100%	101%	100%	98%	103%	103%
						50000000	7.7	7.4	7.6	9.7	31.1	239.0	7.2	7.6	7.6	9.9	32.1	244.4	94%	104%	100%	102%	103%	102%
				10	1	1000000	7.3	7.3	7.9	12.4	53.9		7.3	7.2	7.8	12.6	55.2		101%	99%	100%	102%	102%	
						10000000	7.2	7.3	7.8	12.5	54.1	462.3	7.4	7.4	7.9	13.0	55.5	478.6	102%	101%	100%	104%	102%	104%
						50000000	7.3	7.6	7.8	12.2	54.0	464.3	7.5	7.6	7.8	12.7	55.6	478.2	103%	99%	100%	104%	103%	103%
					10	1000000	7.3	7.3	7.8	12.2			7.3	7.4	8.0	12.6			99%	101%	103%	103%		
						10000000	7.3	7.4	7.9	12.3	54.0		7.3	7.5	7.9	12.8	56.2		100%	101%	100%	104%	104%	
						50000000	7.3	8.6	7.9	12.6	55.2	466.3	7.4	7.7	8.0	12.6	55.9	485.6	101%	89%	102%	100%	101%	104%
				100	1	1000000	7.5	8.2	12.8	54.3			7.6	8.1	13.1	55.9			101%	100%	102%	103%		
						10000000	7.4	8.0	12.5	54.1	464.4		7.7	8.3	12.8	56.2	484.4		103%	104%	102%	104%	104%	
						50000000	7.8	8.1	12.8	54.4	479.9	8939.2	8.0	8.2	13.1	56.4	485.3	9114.3	103%	101%	103%	104%	101%	102%
					10	1000000	7.5	8.3	12.7				7.8	8.3	13.2				104%	100%	104%			
						10000000	7.5	8.1	13.0	54.7			7.7	8.3	13.4	56.3			102%	102%	103%	103%		
						50000000	7.9	9.2	12.8	54.6	466.8		7.8	8.4	13.2	56.4	481.7		98%	91%	103%	103%	103%	
	xeon	cycle		5	1	1000000	8.7	9.4	10.6	13.3	55.9	455.0	8.8	9.2	10.3	13.8	61.7	426.0	102%	98%	97%	103%	110%	94%
						10000000	9.0	9.7	8.9	13.6	58.3	614.0	8.8	9.3	9.7	13.5	62.7	650.1	98%	96%	110%	99%	108%	106%
						100000000	9.1	9.2	10.3	14.0	57.9	625.7	9.7	9.4	10.0	14.3	62.7	708.2	106%	102%	97%	102%	108%	113%
					10	1000000	9.2	9.3	10.7	14.8	67.1		9.4	9.3	10.3	15.3	72.0		102%	100%	96%	103%	107%	
						10000000	9.4	9.3	9.5	14.2	73.9	1894.6	9.3	9.7	9.2	15.5	71.8	2032.6	99%	104%	97%	110%	97%	107%
						100000000	9.8	9.3	10.3	15.2	75.5	1914.6	9.3	9.3	10.6	14.5	75.5	2090.9	95%	100%	103%	96%	100%	109%
				10	1	1000000	9.2	9.7	11.0	17.7	99.7		9.3	9.6	10.8	18.8	111.0		102%	99%	98%	106%	111%	
						10000000	8.7	9.3	9.8	17.7	100.8	1435.9	9.2	9.4	9.6	18.6	112.5	1568.3	105%	101%	98%	105%	112%	109%
						100000000	9.4	9.2	10.8	18.0	100.9	1369.0	8.7	9.4	10.7	18.4	113.3	1534.9	93%	102%	99%	102%	112%	112%
					10	1000000	8.9	9.4	9.8	21.1			9.3	9.4	9.4	20.5			105%	100%	96%	98%		
						10000000	9.1	9.9	10.3	20.5	123.2		10.0	9.7	11.2	20.8	138.2		109%	98%	108%	101%	112%	
						100000000	9.0	9.5	10.2	21.3	125.0	3319.7	8.8	9.5	9.7	20.8	137.7	3731.1	97%	100%	95%	98%	110%	112%
				100	1	1000000	9.1	9.9	17.3	90.8			9.6	10.6	17.3	99.6			106%	108%	101%	110%		
						10000000	8.9	10.4	17.1	92.0	1093.9		9.5	10.7	16.9	99.8	1111.7		107%	103%	99%	108%	102%	
						100000000	9.2	10.3	17.1	92.1	1099.7	15680.7	9.2	10.2	17.4	101.3	998.7	17230.6	100%	99%	101%	110%	91%	110%
					10	1000000	9.2	10.6	19.6				9.3	10.3	20.4				101%	97%	104%			
						10000000	9.3	11.3	19.3	118.4			9.4	11.1	20.4	133.4			100%	98%	106%	113%		
						100000000	9.7	11.0	20.2	119.4	3296.1		9.8	10.9	20.8	123.9	3610.1		101%	99%	103%	104%	110%	
		random		5	1	1000000	9.5	9.4	9.7	17.0	67.6	494.9	8.7	9.6	9.2	16.2	74.2	399.4	92%	101%	95%	95%	110%	81%
						10000000	8.8	9.7	10.8	16.1	80.8	2057.5	9.5	8.9	10.3	16.4	87.1	2215.6	108%	93%	95%	102%	108%	108%
						100000000	9.8	9.7	11.0	17.0	82.9	2440.9	9.6	9.7	10.0	16.8	89.4	2745.7	98%	100%	92%	99%	108%	112%
					10	1000000	8.9	9.5	9.5	16.4	67.9		8.8	9.5	9.6	15.9	74.7		98%	100%	101%	97%	110%	
						10000000	9.2	8.5	10.8	16.1	75.6	1952.2	9.1	9.1	9.5	16.3	87.8	2283.1	99%	108%	88%	102%	116%	117%
						100000000	9.3	9.5	10.0	17.1	83.8	2454.7	8.9	9.2	9.7	16.4	89.3	2786.5	95%	97%	97%	96%	107%	114%
				10	1	1000000	8.6	9.2	10.2	23.3	116.2		8.8	9.1	10.1	23.2	128.9		102%	99%	99%	100%	111%	
						10000000	9.4	9.6	11.1	23.6	150.1	3656.4	9.0	9.6	11.3	23.7	165.5	4054.5	96%	100%	102%	100%	110%	111%
						100000000	9.4	10.0	10.1	23.7	142.4	4653.3	9.1	9.6	10.2	24.1	157.3	5141.9	96%	96%	101%	102%	110%	111%
					10	1000000	9.0	9.4	11.0	22.2			9.1	9.1	11.7	22.6			101%	97%	107%	102%		
						10000000	9.2	9.5	10.0	23.2	150.7		9.3	9.5	10.1	23.3	165.6		101%	100%	101%	100%	110%	
						100000000	9.3	9.9	10.0	24.3	145.1	4606.1	9.6	8.9	10.2	23.9	172.8	5351.4	103%	90%	102%	98%	119%	116%
				100	1	1000000	9.6	11.4	22.4	121.0			9.2	12.2	23.1	133.1			96%	106%	103%	110%		
						10000000	9.6	11.5	22.6	151.8	3958.8		9.1	10.8	24.2	165.4	4389.8		95%	93%	107%	109%	111%	

							100000000	9.0	10.5	24.0	143.8	4767.0	45047.2	9.7	10.2	24.2	172.6	5517.1	51052.1	107%	97%	101%	120%	116%	113%
						10	1000000	9.8	10.7	22.5				9.8	10.7	23.5				100%	100%	104%			
							10000000	9.4	10.4	22.9	152.6			9.6	10.7	23.2	166.5			102%	102%	101%	109%		
							100000000	9.6	11.5	23.9	157.2	4733.1		9.3	10.9	24.3	171.8	5521.0		97%	94%	102%	109%	117%	
					sequential	5	1	1000000	9.8	9.8	9.7	12.4	38.6	386.1	9.6	9.9	9.9	12.3	39.1	285.2	98%	101%	102%	100%	101%	74%
								10000000	9.3	9.3	9.5	11.9	37.9	294.7	9.3	9.7	9.2	12.3	38.9	358.4	100%	105%	97%	103%	103%	122%
								100000000	9.2	9.3	9.9	11.8	38.7	367.6	9.2	9.8	9.6	12.3	38.6	410.8	100%	105%	97%	104%	100%	112%
							10	1000000	8.5	9.4	9.7	12.8	37.7		8.7	9.5	10.0	11.9	38.7		102%	100%	103%	93%	103%	
								10000000	9.2	9.6	9.0	11.9	38.2	293.4	9.2	9.3	10.1	11.6	39.6	333.5	100%	97%	112%	97%	104%	114%
								100000000	9.5	9.7	9.6	12.1	39.0	410.8	9.8	9.3	9.7	12.4	39.7	421.3	103%	95%	102%	102%	102%	103%
						10	1	1000000	8.6	9.8	9.7	15.5	67.1		8.6	9.6	9.5	16.1	68.5		101%	98%	98%	104%	102%	
								10000000	9.3	9.3	9.8	14.5	66.8	570.6	9.3	9.7	9.8	14.8	69.7	624.7	101%	104%	100%	102%	104%	109%
								100000000	9.1	9.7	10.0	15.2	67.7	658.5	9.2	10.3	10.0	16.0	69.0	621.3	100%	107%	101%	105%	102%	94%
							10	1000000	8.6	9.5	9.4	15.2			9.1	9.4	9.3	15.5			106%	98%	98%	102%		
								10000000	9.6	9.5	9.8	15.1	67.1		9.4	9.6	9.7	14.6	69.4		98%	101%	99%	97%	103%	
								100000000	8.6	9.7	9.5	15.7	66.9	588.9	9.3	9.7	9.3	15.7	68.8	668.7	108%	100%	98%	100%	103%	114%
						100	1	1000000	9.0	10.1	15.4	67.5			8.9	10.2	15.0	69.7			99%	101%	98%	103%		
								10000000	9.4	10.4	14.9	66.0	785.6		9.7	10.5	15.4	68.4	819.4		103%	101%	104%	104%	104%	
								100000000	9.9	9.4	15.3	67.9	714.9	9287.8	9.3	10.7	15.1	69.9	672.8	9422.1	94%	114%	99%	103%	94%	101%
							10	1000000	9.1	10.2	15.3				9.3	10.2	15.8				102%	100%	103%			
								10000000	9.5	10.4	15.6	68.7			9.8	10.0	15.3	69.5			103%	96%	98%	101%		
								100000000	10.2	9.9	16.1	68.7	802.8		9.7	10.5	16.0	70.0	761.1		95%	106%	99%	102%	95%	
	seqscan	master	i5		cycle	5	1	1000000	186.6	185.6	186.4	190.7	207.6	365.9	185.6	186.4	187.5	194.1	208.4	330.7	99%	100%	101%	102%	100%	90%
								10000000	1783.8	1778.7	1771.1	1847.2	1819.6	1981.3	1778.5	1775.8	1774.4	1775.9	1805.7	1973.7	100%	100%	100%	96%	99%	100%
								50000000	15476.6	15537.2	15499.6	15525.9	15544.0	17189.6	15534.3	15509.1	15513.3	16539.0	15512.8	17005.6	100%	100%	100%	107%	100%	99%
							10	1000000	188.7	188.1	186.0	190.1	211.0		185.4	188.0	186.9	190.0	209.5		98%	100%	100%	100%	99%	
								10000000	1780.2	1773.6	1777.5	1777.3	1812.8	2009.0	1784.3	1817.3	1782.2	1805.1	1810.9	2009.8	100%	102%	100%	102%	100%	100%
								50000000	15512.9	16781.8	15574.3	15387.4	15498.4	15648.2	16794.9	15546.0	15547.5	15467.0	15530.1	16508.7	108%	93%	100%	101%	100%	105%
						10	1	1000000	166.1	166.9	168.1	170.2	203.6		162.9	167.8	165.7	171.5	206.1		98%	101%	99%	101%	101%	
								10000000	1575.8	1520.0	1578.6	1585.6	1616.4	1939.2	1560.9	1615.6	1543.8	1567.1	1624.0	1962.2	99%	106%	98%	99%	100%	101%
								50000000	15250.5	15300.0	15365.8	15282.6	15319.9	15499.6	15276.9	15202.7	15354.2	15265.4	15283.2	15617.2	100%	99%	100%	100%	100%	101%
							10	1000000	165.6	165.8	167.2	170.6			167.1	164.6	165.3	170.5			101%	99%	99%	100%		
								10000000	1554.4	1572.1	1603.3	1557.7	1619.6		1545.3	1574.5	1580.4	1586.0	1641.9		99%	100%	99%	102%	101%	
								50000000	15334.8	15289.8	15302.0	15277.4	15311.4	16164.9	15279.6	15259.1	15315.1	15501.8	17302.9	15598.0	100%	100%	100%	101%	113%	96%
						100	1	1000000	168.6	174.8	176.1	213.0			172.0	170.8	173.7	208.7			102%	98%	99%	98%		
								10000000	1622.0	1666.6	1628.0	1692.0	2004.2		1630.6	1636.0	1635.7	1680.2	2027.9		101%	98%	100%	99%	101%	
								50000000	15376.3	15309.1	15361.6	15412.9	16745.4	18010.6	15370.8	16586.7	15781.2	15359.1	15645.6	18100.9	100%	108%	103%	100%	93%	101%
							10	1000000	170.4	180.1	182.2				172.2	173.8	174.9				101%	97%	96%			
								10000000	1634.0	1641.3	1614.4	1781.7			1671.7	1616.0	1636.6	1665.6			102%	98%	101%	93%		
								50000000	15502.0	15349.3	16799.1	15474.8	16420.9		15370.3	15970.9	15312.6	15343.5	15590.5		99%	104%	91%	99%	95%	
					random	5	1	1000000	187.2	186.9	194.3	190.6	210.2	364.1	187.5	185.8	187.9	199.1	210.7	371.8	100%	99%	97%	104%	100%	102%
								10000000	1773.4	1783.5	1811.7	1793.6	1849.9	2012.7	1779.1	1821.7	1781.4	1777.2	1815.6	2053.6	100%	102%	98%	99%	98%	102%
								50000000	17075.7	15546.1	16278.4	15731.3	15836.0	15949.2	15481.1	15530.0	16155.3	15531.8	15612.0	15539.4	91%	100%	99%	99%	99%	97%
							10	1000000	189.1	186.6	188.2	190.3	211.1		185.9	186.9	188.9	191.7	210.1		98%	100%	100%	101%	100%	
								10000000	1771.0	1777.4	1778.1	1782.0	1854.9	2017.7	1782.4	1806.6	1784.3	1777.6	1813.8	2040.1	101%	102%	100%	100%	98%	101%
								50000000	15716.1	16766.0	15452.4	15597.0	16796.7	15604.9	15450.8	15474.8	15459.3	15457.8	15539.0	15648.2	98%	92%	100%	99%	93%	100%
						10	1	1000000	168.8	165.7	166.1	172.7	208.5		162.7	166.7	165.2	171.4	209.5		96%	101%	99%	99%	100%	
								10000000	1599.6	1614.2	1562.0	1568.8	1628.8	2043.3	1558.0	1572.8	1551.5	1590.9	1627.9	2005.5	97%	97%	99%	101%	100%	98%
								50000000	15293.6	15246.4	15367.3	15363.4	15334.4	15584.9	15333.8	15272.2	15341.0	15283.3	15308.5	15966.9	100%	100%	100%	99%	100%	102%
							10	1000000	164.0	164.3	167.8	172.9			162.5	164.9	168.4	173.5			99%	100%	100%	100%		
								10000000	1568.5	1563.1	1563.4	1544.0	1637.2		1584.5	1588.4	1566.2	1573.3	1631.9		101%	102%	100%	102%	100%	
								50000000	15244.6	15310.3	15266.9	16313.1	15290.6	15600.5	15354.4	15301.2	15352.6	15340.3	15285.9	15984.8	101%	100%	101%	94%	100%	102%
						100	1	1000000	172.7	172.6	178.1	222.0			169.4	172.6	177.8	217.8			98%	100%	100%	98%		
								10000000	1648.5	1604.9	1613.4	1824.3	2069.2		1601.6	1660.2	1621.6	1722.9	2056.3		97%	103%	101%	94%	99%	
								50000000	15322.6	15399.9	15863.9	15369.8	15666.8	21770.5	15254.3	16761.3	15354.5	15388.0	16051.2	18479.2	100%	109%	97%	100%	102%	85%
							10	1000000	170.0	172.5	178.1				175.5	177.6	181.1				103%	103%	102%			
								10000000	1622.3	1622.3	1708.2	1730.8			1708.2	1618.9	1681.6	1680.9			105%	100%	98%	97%		
								50000000	16068.7	15355.0	15324.8	15438.8	15606.5		15487.6	16122.1	15357.7	16395.2	15633.0		96%	105%	100%	106%	100%	
					sequential	5	1	1000000	187.2	186.8	187.8	189.2	206.6	322.3	186.3	186.6	186.1	188.7	204.4	366.2	100%	100%	99%	100%	99%	114%

					10000000	1792.7	1777.0	1785.6	1795.3	1793.3	1947.6	1772.5	1773.8	1772.4	1774.9	1788.3	1970.6	99%	100%	99%	99%	100%	101%
					50000000	15486.1	15510.0	15529.8	15440.8	15549.0	15797.1	15483.0	15435.0	15533.2	15575.1	15576.4	15780.7	100%	100%	100%	101%	100%	100%
				10	1000000	185.8	186.6	191.3	189.0	204.2		185.3	189.9	195.2	187.8	204.6		100%	102%	102%	99%	100%	
					10000000	1771.3	1772.1	1784.7	1790.1	1959.9	1940.6	1790.1	1777.5	1776.4	1873.3	1795.2	1971.0	101%	100%	100%	105%	92%	102%
					50000000	16171.8	15376.9	15514.5	15466.7	15497.4	15724.3	15409.4	15368.5	15495.8	15430.3	15478.6	17159.7	95%	100%	100%	100%	100%	109%
			10	1	1000000	166.7	156.1	156.0	157.3	189.9		167.6	157.7	155.2	157.0	193.1		101%	101%	99%	100%	102%	
					10000000	1554.5	1471.0	1470.0	1492.0	1514.8	1823.1	1558.9	1495.6	1457.4	1466.1	1486.0	1808.0	100%	102%	99%	98%	98%	99%
					50000000	15255.7	15155.4	15309.6	15223.4	15276.0	15481.3	15243.0	15181.1	15751.5	16843.6	15234.0	15854.4	100%	100%	103%	111%	100%	102%
				10	1000000	164.0	156.4	156.0	162.3			165.5	156.5	158.2	158.3			101%	100%	101%	98%		
					10000000	1544.3	1471.9	1507.7	1480.7	1518.3		1599.3	1491.7	1471.2	1479.5	1531.9		104%	101%	98%	100%	101%	
					50000000	15311.3	15207.9	16746.5	15191.0	15641.8	15885.4	15235.7	15222.0	15248.3	15227.6	16775.0	15826.1	100%	100%	91%	100%	107%	100%
			100	1	1000000	170.0	160.6	164.2	196.9			170.9	161.3	164.2	205.3			101%	100%	100%	104%		
					10000000	1617.3	1523.2	1584.9	1544.0	1857.6		1624.7	1527.3	1495.7	1553.4	1857.5		100%	100%	94%	101%	100%	
					50000000	15607.9	15285.5	15211.9	15391.7	15858.4	18405.1	15278.8	16434.8	15240.6	15338.3	15825.3	18591.1	98%	108%	100%	100%	100%	101%
				10	1000000	174.3	162.2	164.4				172.9	168.2	163.6				99%	104%	100%			
					10000000	1620.0	1579.2	1553.5	1559.1			1657.6	1566.6	1594.7	1549.6			102%	99%	103%	99%		
					50000000	15528.6	15359.9	15246.3	15393.8	15860.3		15734.9	15313.9	15227.0	15365.3	16501.3		101%	100%	100%	100%	104%	
	xeon	cycle	5	1	1000000	197.4	195.4	198.3	201.0	225.7	433.1	194.7	196.0	194.5	199.0	227.5	438.1	99%	100%	98%	99%	101%	101%
					10000000	1842.6	1864.7	1824.0	1833.9	1889.5	2276.8	1835.1	1851.8	1834.8	1853.9	1883.3	2184.2	100%	99%	101%	101%	100%	96%
					100000000	18383.9	18489.8	18545.2	18362.9	18613.3	18742.9	18515.5	18462.2	18553.7	18531.1	18486.0	19234.0	101%	100%	100%	101%	99%	103%
				10	1000000	196.9	197.4	196.3	198.3	227.2		197.0	196.7	196.9	200.3	228.3		100%	100%	100%	101%	100%	
					10000000	1851.2	1836.9	1831.9	1835.9	1892.8	2258.2	1853.1	1837.6	1827.8	1845.3	1883.6	2145.0	100%	100%	100%	101%	100%	95%
					100000000	18748.8	18685.5	18732.3	18356.1	18449.1	18842.4	18435.7	18493.3	18481.3	18289.2	18544.8	18858.7	98%	99%	99%	100%	101%	100%
			10	1	1000000	187.8	190.3	185.3	192.6	234.4		182.4	196.9	183.8	191.5	234.6		97%	103%	99%	99%	100%	
					10000000	1743.6	1736.2	1724.1	1771.7	1824.5	2322.5	1716.1	1747.6	1725.8	1756.2	1796.0	2230.5	98%	101%	100%	99%	98%	96%
					100000000	17210.9	17414.9	18185.0	17491.9	17479.1	18551.1	17431.9	17196.1	17503.8	17193.2	17434.9	18291.2	101%	99%	96%	98%	100%	99%
				10	1000000	187.7	187.3	187.0	193.6			189.2	188.6	188.6	193.7			101%	101%	101%	100%		
					10000000	1732.4	1712.9	1789.8	1734.2	1829.3		1734.4	1783.7	1716.5	1728.6	1827.6		100%	104%	96%	100%	100%	
					100000000	17505.3	17736.2	17469.8	17494.9	17595.7	18250.7	17392.7	17529.5	17428.2	17192.9	17668.1	18591.8	99%	99%	100%	98%	100%	102%
			100	1	1000000	196.3	192.8	198.7	245.2			193.6	193.9	200.4	240.6			99%	101%	101%	98%		
					10000000	1795.5	1825.1	1830.7	1881.0	2474.8		1849.2	1810.8	1838.6	1891.8	2576.6		103%	99%	100%	101%	104%	
					100000000	17982.9	17794.4	17706.7	17975.8	19016.6	25751.6	18015.6	18017.5	18289.8	17864.3	18682.2	26644.4	100%	101%	103%	99%	98%	103%
				10	1000000	193.6	198.4	201.9				193.7	199.1	200.5				100%	100%	99%			
					10000000	1788.2	1830.6	1822.5	1921.6			1825.1	1851.6	1825.5	1930.8			102%	101%	100%	100%		
					100000000	18223.3	18426.6	18341.2	18910.7	19231.7		18676.3	17962.3	18331.2	18110.7	18620.1		102%	97%	100%	96%	97%	
		random	5	1	1000000	195.1	197.3	197.9	202.7	230.1	405.4	196.7	198.7	198.5	202.2	224.9	387.0	101%	101%	100%	100%	98%	95%
					10000000	1831.5	1832.4	1839.2	1845.5	1881.9	2285.5	1839.7	1830.2	1843.4	1844.8	1891.3	2254.6	100%	100%	100%	100%	100%	99%
					100000000	18375.8	18519.7	18370.1	18488.6	18699.4	18799.6	18377.0	18662.5	18291.0	18449.4	18586.1	18887.8	100%	101%	100%	100%	99%	100%
				10	1000000	195.1	196.0	209.3	200.6	226.5		198.2	194.2	202.7	201.4	225.8		102%	99%	97%	100%	100%	
					10000000	1840.8	1858.7	1850.9	1857.6	1893.8	2177.0	1826.9	1849.0	1843.2	1853.3	1882.9	2291.4	99%	99%	100%	100%	99%	105%
					100000000	18346.3	18484.5	18441.1	18580.3	18634.8	18593.8	18304.0	18297.5	18298.1	18346.6	18608.2	19055.4	100%	99%	99%	99%	100%	102%
			10	1	1000000	184.2	187.1	189.3	187.2	241.6		188.0	182.6	189.6	194.2	234.7		102%	98%	100%	104%	97%	
					10000000	1718.9	1717.5	1754.2	1761.5	1817.1	2460.7	1762.9	1709.0	1727.2	1835.9	1815.3	2223.4	103%	100%	98%	104%	100%	90%
					100000000	17604.3	17287.4	17160.3	17525.7	18079.2	18418.9	17172.4	17168.4	17234.9	17195.9	17702.7	18237.4	98%	99%	100%	98%	98%	99%
				10	1000000	183.8	186.0	186.5	192.6			185.3	184.8	190.8	194.8			101%	99%	102%	101%		
					10000000	1727.4	1726.5	1735.0	1761.6	1819.1		1747.7	1721.3	1792.7	1810.8	1837.1		101%	100%	103%	103%	101%	
					100000000	17502.1	17253.6	17586.6	17423.9	17838.8	18427.2	17118.1	17149.6	17716.0	17559.4	17644.1	18669.0	98%	99%	101%	101%	99%	101%
			100	1	1000000	191.3	193.6	199.1	251.1			193.1	196.6	199.3	252.0			101%	102%	100%	100%		
					10000000	1811.9	1817.3	1847.7	1893.4	2557.7		1820.1	1814.8	1852.1	1928.4	2597.9		100%	100%	100%	102%	102%	
					100000000	17889.2	17980.6	17745.5	18452.6	19258.3	26070.1	18537.4	18535.2	17860.1	18670.4	19389.7	26578.9	104%	103%	101%	101%	101%	102%
				10	1000000	195.7	196.9	195.3				196.5	193.4	206.2				100%	98%	106%			
					10000000	1839.2	1822.2	1893.1	1896.6			1898.2	1823.8	1799.8	1901.9			103%	100%	95%	100%		
					100000000	17884.3	18025.4	18198.1	18722.8	19236.4		18318.9	18280.0	18118.6	18505.5	19726.4		102%	101%	100%	99%	103%	
		sequential	5	1	1000000	197.1	201.7	193.8	202.0	216.1	450.4	197.0	196.5	194.9	200.4	213.5	535.3	100%	97%	101%	99%	99%	119%
					10000000	1838.8	1840.1	1829.2	1901.2	1847.7	2150.5	1850.8	1852.5	1837.2	1841.8	1850.2	2031.6	101%	101%	100%	97%	100%	94%
					100000000	18287.5	18360.6	18538.9	18545.2	18564.0	18640.4	18897.8	18559.5	18319.8	18303.3	18381.3	18654.8	103%	101%	99%	99%	99%	100%
				10	1000000	212.0	196.7	196.1	199.3	219.1		206.8	195.9	195.6	196.0	216.7		98%	100%	100%	98%	99%	
					10000000	1846.1	1851.0	1827.8	1828.9	1866.5	2036.2	1829.0	1840.1	1852.6	1841.3	1855.7	2119.5	99%	99%	101%	101%	99%	104%
					100000000	18357.0	18527.3	18549.9	18478.0	18298.9	18697.1	18444.0	18338.6	18368.0	18481.6	18544.9	18618.1	100%	99%	99%	100%	101%	100%

					10	1	1000000	185.3	173.2	172.7	176.6	211.2		189.7	175.3	170.1	178.9	210.2		102%	101%	99%	101%	100%	
							10000000	1756.7	1595.3	1629.0	1598.6	1629.0	2026.8	1721.0	1594.4	1615.9	1613.7	1648.1	1973.8	98%	100%	99%	101%	101%	97%
							100000000	17450.9	16318.1	15977.1	15980.3	15893.9	16409.8	17307.7	16017.9	16660.2	16032.3	16131.1	16385.9	99%	98%	104%	100%	101%	100%
						10	1000000	186.1	172.9	172.3	178.2			188.9	176.3	173.2	177.9			101%	102%	101%	100%		
							10000000	1782.1	1623.5	1632.9	1637.2	1649.7		1737.8	1627.6	1610.4	1615.8	1635.9		98%	100%	99%	99%	99%	
							100000000	17359.5	16213.1	16163.7	15836.5	15904.5	16588.8	17747.1	16176.5	15989.2	15901.4	15908.4	17345.9	102%	100%	99%	100%	100%	105%
						100	1000000	199.8	185.9	182.2	216.5			194.3	185.5	179.8	219.5			97%	100%	99%	101%		
							10000000	1814.3	1696.4	1680.2	1679.1	2231.7		1797.7	1732.3	1750.5	1704.1	2093.4		99%	102%	104%	101%	94%	
							100000000	18390.9	16698.5	17045.8	16644.1	16905.9	22878.1	18020.6	16677.4	16359.6	16584.8	17685.8	22967.9	98%	100%	96%	100%	105%	100%
						10	1000000	195.8	181.0	180.7				195.8	177.2	184.8				100%	98%	102%			
							10000000	1910.0	1708.7	1682.8	1745.4			1825.5	1679.0	1649.9	1683.5			96%	98%	98%	96%		
							100000000	18020.2	16624.2	17268.4	16933.6	17548.5		18270.9	17224.5	16444.4	16409.9	17564.1		101%	104%	95%	97%	100%	
	patched	i5	cycle		5	1	1000000	183.3	183.1	191.9	188.2	203.4	357.7	183.4	183.5	183.1	187.2	206.3	356.4	100%	100%	95%	99%	101%	100%
							10000000	1743.2	1746.3	1745.9	1746.4	1774.1	1947.9	1741.8	1743.8	1743.9	1760.2	1771.1	1942.9	100%	100%	100%	101%	100%	100%
							50000000	15562.3	15577.6	15474.0	15424.4	15425.4	15646.8	16413.6	15482.3	15385.7	15435.5	15394.3	15841.3	105%	99%	99%	100%	100%	101%
						10	1000000	182.6	184.1	183.2	187.4	205.8		183.1	183.1	183.4	186.9	203.3		100%	100%	100%	100%	99%	
							10000000	1745.6	1744.4	1751.0	1744.7	1774.2	1957.9	1746.5	1740.9	1755.1	1746.7	1776.7	1957.8	100%	100%	100%	100%	100%	100%
							50000000	16777.9	15471.3	15447.2	15434.2	15378.8	15556.4	15462.7	15456.1	15503.6	15453.9	17433.4	15589.6	92%	100%	100%	100%	113%	100%
						10	1000000	166.8	166.0	165.8	169.8	203.9		166.0	165.1	167.6	170.5	204.8		100%	99%	101%	100%	100%	
							10000000	1572.3	1593.6	1587.8	1598.4	1618.4	1928.9	1564.4	1562.5	1549.7	1565.8	1616.8	1933.2	99%	98%	98%	98%	100%	100%
							50000000	15322.7	15313.8	16221.4	16093.2	15423.0	15852.8	15335.1	15361.0	15341.9	15329.7	15654.6	15578.8	100%	100%	95%	95%	102%	98%
						10	1000000	165.3	164.4	164.2	176.8			167.2	166.6	165.6	171.9			101%	101%	101%	97%		
							10000000	1574.9	1561.2	1556.4	1557.2	1620.0		1556.0	1579.3	1584.1	1566.1	1675.2		99%	101%	102%	101%	103%	
							50000000	15290.9	15332.7	15375.2	15318.4	15396.9	15594.2	15266.4	16380.7	15433.6	15243.9	15419.5	15979.7	100%	107%	100%	100%	100%	102%
						100	1000000	172.0	173.7	179.1	209.5			171.2	173.3	176.8	208.6			100%	100%	99%	100%		
							10000000	1649.2	1658.5	1674.0	1680.5	1988.0		1640.5	1621.7	1630.2	1659.4	2011.5		99%	98%	97%	99%	101%	
							50000000	16542.4	15313.0	15395.1	15405.6	15959.3	18150.9	15379.2	15374.7	15390.7	15496.3	15589.9	21685.5	93%	100%	100%	101%	98%	119%
						10	1000000	171.1	170.7	181.4				171.7	177.6	175.0				100%	104%	96%			
							10000000	1643.8	1717.5	1673.5	1656.8			1601.2	1652.3	1615.7	1694.2			97%	96%	97%	102%		
							50000000	15275.0	15266.6	15349.1	17074.1	16141.2		15871.5	15273.0	15329.7	15400.3	15910.2		104%	100%	100%	90%	99%	
			random		5	1	1000000	183.4	187.1	185.9	188.6	206.0	359.4	183.1	182.6	183.0	189.4	206.0	341.7	100%	98%	98%	100%	100%	95%
							10000000	1739.6	1746.7	1742.4	1813.1	1791.7	1959.3	1749.5	1742.2	1747.4	1751.5	1802.9	1961.4	101%	100%	100%	97%	101%	100%
							50000000	15453.1	15450.4	15372.8	15431.5	15518.9	16380.4	15516.5	15489.9	15476.8	15487.6	16796.5	15817.9	100%	100%	101%	100%	108%	97%
						10	1000000	183.3	185.3	183.9	187.8	207.3		183.1	184.0	183.2	189.2	205.4		100%	99%	100%	101%	99%	
							10000000	1755.3	1750.8	1750.4	1748.5	1782.2	1960.9	1742.8	1744.2	1746.7	1750.7	1821.4	1968.3	99%	100%	100%	100%	102%	100%
							50000000	15449.3	15455.1	16192.2	15528.5	15549.6	15715.5	15483.2	15468.0	15384.7	15591.6	15549.1	15890.1	100%	100%	95%	100%	100%	101%
						10	1000000	163.4	164.7	166.1	172.0	211.0		165.6	165.1	165.6	176.2	204.9		101%	100%	100%	102%	97%	
							10000000	1537.6	1632.5	1586.0	1595.9	1623.9	1960.5	1550.6	1580.9	1583.5	1537.5	1625.9	1976.0	101%	97%	100%	96%	100%	101%
							50000000	15282.7	15356.2	15518.0	15895.0	15444.9	16099.9	16291.7	15276.1	15274.3	15864.5	15725.5	15631.1	107%	99%	98%	100%	102%	97%
						10	1000000	166.3	168.8	166.9	173.6			165.5	166.3	166.7	173.7			99%	99%	100%	100%		
							10000000	1546.4	1573.0	1573.1	1592.2	1633.1		1543.2	1569.3	1584.6	1562.9	1656.8		100%	100%	101%	98%	101%	
							50000000	15256.0	15310.6	15385.7	15315.4	15295.3	15685.4	15361.0	16513.3	15345.8	15321.4	15392.8	15710.3	101%	108%	100%	100%	101%	100%
						100	1000000	176.0	173.5	179.9	219.3			173.3	173.8	179.4	215.8			98%	100%	100%	98%		
							10000000	1660.1	1707.2	1652.0	1701.9	2037.3		1635.3	1648.0	1657.1	1717.0	2065.4		99%	97%	100%	101%	101%	
							50000000	15286.0	15305.7	15356.8	15441.3	16073.2	21830.3	15451.4	15384.0	15400.9	15360.8	16494.9	18481.4	101%	101%	100%	99%	103%	85%
						10	1000000	171.4	174.8	179.4				169.3	172.1	178.9				99%	98%	100%			
							10000000	1626.1	1649.8	1622.3	1683.2			1622.2	1695.6	1688.6	1672.6			100%	103%	104%	99%		
							50000000	15333.8	15277.1	15422.4	15355.3	15692.8		15351.9	15287.5	16432.1	15470.3	15971.2		100%	100%	107%	101%	102%	
			sequential		5	1	1000000	182.6	183.2	183.0	185.3	200.4	317.7	182.5	182.5	184.6	188.0	196.9	317.7	100%	100%	101%	101%	98%	100%
							10000000	1741.0	1761.6	1749.2	1773.1	1763.9	1913.5	1744.2	1746.8	1770.8	1750.7	1781.5	2041.0	100%	99%	101%	99%	101%	107%
							50000000	15417.5	15447.9	17237.2	15498.4	15470.9	15751.3	15448.7	15457.4	15541.7	15538.5	15410.0	15547.6	100%	100%	90%	100%	100%	99%
						10	1000000	182.7	183.8	183.2	185.6	200.1		185.1	182.7	185.1	183.9	200.1		101%	99%	101%	99%	100%	
							10000000	1743.6	1749.0	1781.0	1770.8	1764.0	1914.0	1746.0	1751.3	1742.6	1745.9	1796.2	1913.1	100%	100%	98%	99%	102%	100%
							50000000	15540.4	15472.5	15476.4	15490.8	15534.6	15787.6	15490.0	15499.4	16008.0	15965.0	15476.1	15604.6	100%	100%	103%	103%	100%	99%
						10	1000000	165.1	156.2	157.1	159.4	189.4		165.6	156.6	157.8	159.3	189.6		100%	100%	100%	100%	100%	
							10000000	1568.0	1512.9	1471.3	1468.3	1497.5	1814.8	1618.1	1477.2	1460.4	1472.6	1515.0	1815.0	103%	98%	99%	100%	101%	100%
							50000000	16210.3	15259.3	15234.4	15357.1	15370.0	16385.8	15268.6	15211.9	15227.0	15248.7	15333.5	15901.2	94%	100%	100%	99%	100%	97%
						10	1000000	165.9	157.6	156.8	162.4			165.8	155.4	155.4	159.5			100%	99%	99%	98%		
							10000000	1574.8	1501.7	1460.6	1472.7	1502.3		1598.2	1473.4	1517.5	1472.7	1515.3		101%	98%	104%	100%	101%	

				50000000	15212.3	15168.7	15345.9	15241.0	15329.0	15895.1	15560.8	15211.1	15323.2	15239.1	15357.1	15542.9	102%	100%	100%	100%	100%	98%
		100	1	1000000	174.9	164.7	164.7	203.7			169.3	164.9	164.0	195.8			97%	100%	100%	96%		
				10000000	1696.7	1518.0	1567.8	1558.1	1892.2		1666.3	1527.3	1604.2	1556.3	1930.8		98%	101%	102%	100%	102%	
				50000000	15305.6	15410.9	15305.8	15329.0	16235.6	21913.7	15333.2	15250.6	15378.4	15304.5	15937.7	21771.2	100%	99%	100%	100%	98%	99%
			10	1000000	171.3	162.4	163.2				169.8	161.1	165.3				99%	99%	101%			
				10000000	1631.0	1514.5	1625.8	1543.5			1653.8	1518.8	1537.4	1571.5			101%	100%	95%	102%		
				50000000	15281.6	15213.2	16149.7	15720.0	16024.2		15365.0	15297.6	16724.3	15378.2	15868.6		101%	101%	104%	98%	99%	
xeon	cycle	5	1	1000000	191.9	193.8	195.1	195.4	225.5	544.5	193.9	195.6	194.9	195.9	223.6	411.5	101%	101%	100%	100%	99%	76%
				10000000	1811.1	1801.6	1798.9	1831.7	1870.4	2033.3	1825.0	1803.3	1825.6	1804.8	1866.7	2252.9	101%	100%	101%	99%	100%	111%
				100000000	18075.2	18302.1	18266.1	18287.0	18289.4	18724.5	18007.2	18263.6	18277.2	18274.2	18352.9	18688.8	100%	100%	100%	100%	100%	100%
			10	1000000	193.6	194.1	195.5	196.9	222.9		193.6	193.6	195.5	195.2	224.8		100%	100%	100%	99%	101%	
				10000000	1821.7	1826.9	1799.2	1822.0	1872.1	2152.7	1828.2	1826.7	1799.3	1834.6	1854.6	2250.9	100%	100%	100%	101%	99%	105%
				100000000	18280.0	18267.8	18280.0	18247.5	18337.1	18692.7	18134.0	18261.5	18275.1	18155.2	18358.3	18564.3	99%	100%	100%	99%	100%	99%
		10	1	1000000	182.8	185.3	185.1	191.5	230.1		182.8	184.8	184.5	191.1	232.8		100%	100%	100%	100%	101%	
				10000000	1718.0	1729.2	1713.5	1724.5	1797.9	2359.2	1711.2	1709.6	1721.5	1728.9	1806.2	2433.0	100%	99%	100%	100%	100%	103%
				100000000	17167.6	17263.6	17195.2	17263.5	17444.6	17978.2	17157.5	17176.5	17200.2	17041.3	17396.8	17791.9	100%	99%	100%	99%	100%	99%
			10	1000000	182.5	184.8	183.7	197.0			182.5	185.4	182.9	190.6			100%	100%	100%	97%		
				10000000	1711.7	1765.7	1718.8	1739.0	1830.7		1712.1	1736.6	1721.2	1726.1	1763.3		100%	98%	100%	99%	96%	
				100000000	17146.4	16830.4	17173.8	17162.4	19532.9	18168.1	17220.5	17134.5	17140.4	17208.4	17285.9	17954.1	100%	102%	100%	100%	88%	99%
		100	1	1000000	193.3	192.7	196.2	243.2			197.2	189.8	193.1	242.1			102%	98%	98%	100%		
				10000000	1744.4	1840.1	1789.1	1840.4	2537.6		1773.6	1865.1	1909.1	1844.6	2526.1		102%	101%	107%	100%	100%	
				100000000	18119.7	18002.2	18107.1	17769.3	18708.2	26031.8	17679.9	17779.6	17884.8	18226.8	18529.7	25504.3	98%	99%	99%	103%	99%	98%
			10	1000000	192.2	192.1	199.8				190.6	193.9	194.9				99%	101%	98%			
				10000000	1745.1	1783.7	1760.5	2000.1			1763.3	1764.2	1782.5	1899.1			101%	99%	101%	95%		
				100000000	17838.8	17935.0	18028.3	17763.8	19408.9		17935.6	18488.5	17503.0	18049.9	18749.3		101%	103%	97%	102%	97%	
	random	5	1	1000000	194.7	196.7	196.8	196.6	225.6	520.6	193.8	194.5	193.8	197.5	225.5	407.6	100%	99%	98%	100%	100%	78%
				10000000	1822.8	1800.4	1826.6	1832.0	1857.1	2166.7	1824.9	1809.3	1802.3	1810.5	1856.3	2174.3	100%	100%	99%	99%	100%	100%
				100000000	18338.9	18260.0	18237.5	18254.8	18364.7	18561.7	18306.3	18305.4	18305.2	18030.7	18319.1	18742.9	100%	100%	100%	99%	100%	101%
			10	1000000	193.1	192.6	195.6	197.6	224.3		191.5	196.5	197.8	197.1	222.3		99%	102%	101%	100%	99%	
				10000000	1826.7	1796.6	1827.2	1831.5	1856.9	2253.5	1824.7	1800.7	1823.1	1829.9	1853.1	2240.7	100%	100%	100%	100%	100%	99%
				100000000	18270.0	18283.2	18007.6	18260.2	18348.5	18684.6	18158.7	18223.6	18026.6	18248.7	18312.0	18539.2	99%	100%	100%	100%	100%	99%
		10	1	1000000	182.6	184.0	184.3	190.7	239.0		181.9	184.8	183.3	189.0	234.6		100%	100%	99%	99%	98%	
				10000000	1761.4	1722.3	1714.2	1715.7	1815.5	2478.2	1731.5	1731.5	1718.9	1746.3	1806.1	2485.6	98%	101%	100%	102%	99%	100%
				100000000	17395.9	17581.2	17137.6	17200.6	17437.8	17924.8	17151.1	17224.1	17228.9	17340.8	17301.5	17972.6	99%	98%	101%	101%	99%	100%
			10	1000000	184.1	183.0	185.2	188.1			184.9	183.4	189.9	193.7			100%	100%	103%	103%		
				10000000	1689.4	1738.3	1823.9	1720.5	1854.4		1722.2	1738.0	1715.7	1723.1	1782.0		102%	100%	94%	100%	96%	
				100000000	17247.0	17183.7	16784.6	17182.2	17326.3	18038.4	17092.8	17350.8	17197.9	17113.2	17378.5	17883.6	99%	101%	102%	100%	100%	99%
		100	1	1000000	193.0	193.9	196.7	254.0			191.9	191.2	198.2	247.6			99%	99%	101%	98%		
				10000000	1778.9	1844.0	1785.4	1836.2	2619.9		1764.4	1767.7	1764.3	1856.0	2531.7		99%	96%	99%	101%	97%	
				100000000	17728.8	17611.1	17899.5	17923.6	18344.6	25681.6	18086.1	17958.0	17747.5	17882.6	18762.4	26659.7	102%	102%	99%	100%	102%	104%
			10	1000000	195.2	187.6	193.2				187.4	191.6	196.5				96%	102%	102%			
				10000000	1776.8	1758.8	1829.6	1842.7			1775.4	1737.8	1798.2	1881.9			100%	99%	98%	102%		
				100000000	18065.6	19242.8	17779.1	18214.9	18948.8		17828.0	17900.5	18423.8	18527.9	19636.0		99%	93%	104%	102%	104%	
	sequential	5	1	1000000	192.8	194.2	194.9	195.0	217.3	513.4	193.2	193.9	193.7	197.0	213.6	514.2	100%	100%	99%	101%	98%	100%
				10000000	1827.3	1822.7	1826.5	1814.4	1842.4	2056.0	1831.2	1845.0	1807.8	1806.3	1829.8	2022.0	100%	101%	99%	100%	99%	98%
				100000000	17996.7	18247.5	18245.0	18056.4	18287.2	18502.3	18291.2	19749.4	18261.4	18259.9	18080.9	18468.1	102%	108%	100%	101%	99%	100%
			10	1000000	192.9	192.9	194.7	197.1	216.1		193.9	193.3	194.5	194.4	210.6		101%	100%	100%	99%	97%	
				10000000	1812.9	1823.3	1795.8	1826.6	1833.1	2028.0	1801.1	1837.5	1828.6	1809.9	1848.2	2038.8	99%	101%	102%	99%	101%	101%
				100000000	18293.5	18315.0	18033.1	18136.7	18198.0	18517.2	18278.1	18347.3	18059.7	18125.5	18159.6	18457.4	100%	100%	100%	100%	100%	100%
		10	1	1000000	181.6	175.9	174.5	171.6	204.1		186.0	172.7	177.3	175.0	209.0		102%	98%	102%	102%	102%	
				10000000	1776.8	1601.3	1584.7	1558.2	1604.7	2020.9	1756.0	1595.7	1590.9	1580.1	1608.5	1962.1	99%	100%	100%	101%	100%	97%
				100000000	16985.3	16193.5	15872.5	15669.8	15874.0	16142.3	17173.7	16248.8	15728.9	16014.5	15808.2	16423.0	101%	100%	99%	102%	100%	102%
			10	1000000	183.0	171.8	171.7	171.1			182.9	171.9	169.2	171.6			100%	100%	99%	100%		
				10000000	1745.7	1610.5	1593.6	1584.8	1631.4		1722.9	1590.8	1585.5	1639.2	1619.9		99%	99%	99%	103%	99%	
				100000000	17419.6	16078.2	15617.3	15684.5	15993.0	16411.3	17363.7	16382.4	15765.9	16028.9	15703.9	16381.8	100%	102%	101%	102%	98%	100%
		100	1	1000000	194.3	176.3	178.6	216.2			189.5	183.2	180.6	219.2			98%	104%	101%	101%		
				10000000	1764.4	1709.9	1649.9	1670.3	2320.0		1828.8	1697.3	1619.0	1666.3	2057.2		104%	99%	98%	100%	89%	
				100000000	17539.0	16783.0	16017.1	16593.8	16829.3	22560.2	17608.0	17014.1	16380.0	17961.1	16394.4	22938.0	100%	101%	102%	108%	97%	102%
			10	1000000	186.4	179.9	178.7				186.8	185.2	183.6				100%	103%	103%			

								10000000	1793.3	1633.8	1694.3	1742.5			1776.5	1712.3	1716.0	1672.3			99%	105%	101%	96%		
								100000000	17778.9	16597.3	16479.4	16444.0	17189.6		17952.0	17567.2	16530.9	16241.6	16576.2		101%	106%	100%	99%	96%	
uncached	btree-saop	bitmapscan	master	i5	cycle	5	1	1000000	12.5	14.3	35.4	221.7	813.1	590.5	11.7	12.5	14.7	39.2	241.5	972.4	94%	88%	41%	18%	30%	165%
								10000000	12.3	13.9	32.4	218.1	2082.5	7277.3	12.6	12.9	14.8	36.9	233.8	2191.6	102%	93%	46%	17%	11%	30%
								50000000	13.2	16.6	36.2	219.8	2065.9	20848.6	12.2	13.6	17.7	44.7	236.8	2214.2	92%	82%	49%	20%	11%	11%
							10	1000000	12.7	16.1	70.1	480.4	500.7		12.3	13.1	17.5	68.4	518.5		97%	82%	25%	14%	104%	
								10000000	12.5	17.4	59.7	554.3	4390.2	4331.2	12.8	12.7	18.0	61.8	502.3	4326.5	102%	73%	30%	11%	11%	100%
								50000000	12.6	17.3	64.7	615.7	4502.8	50859.5	12.6	14.7	20.1	63.3	526.9	4328.7	100%	85%	31%	10%	12%	9%
							10	1000000	11.9	14.5	41.0	290.2	644.8		11.9	12.9	15.9	44.2	300.8		100%	89%	39%	15%	47%	
								10000000	12.3	14.8	38.3	278.5	2912.4	5662.2	12.4	13.2	17.0	41.9	295.1	2729.1	102%	89%	44%	15%	10%	48%
								50000000	12.5	17.6	41.6	282.9	2789.1	25565.4	12.6	16.3	17.3	42.9	291.1	2757.0	101%	93%	42%	15%	10%	11%
							10	1000000	12.4	17.9	74.6	512.8			12.8	14.0	23.3	105.9			104%	78%	31%	21%		
								10000000	12.8	18.2	64.9	602.5	4680.7		12.9	14.2	22.3	102.0	910.3		101%	78%	34%	17%	19%	
								50000000	12.9	19.4	66.6	679.6	4834.9	32236.6	12.7	16.0	23.8	116.3	923.2	7741.7	98%	83%	36%	17%	19%	24%
							100	1000000	12.8	20.6	90.1	607.9			13.0	14.8	28.5	147.6			102%	72%	32%	24%		
								10000000	17.8	22.7	78.5	739.7	5206.7		15.0	15.6	30.0	146.6	1376.8		84%	69%	38%	20%	26%	
								50000000	15.5	21.1	81.9	763.9	6439.4	37174.6	15.4	15.9	28.3	149.2	1324.8	16405.6	99%	75%	35%	20%	21%	44%
							10	1000000	13.9	29.6	191.5				13.4	22.1	100.0				96%	75%	52%			
								10000000	15.5	30.7	161.3	1603.3			15.2	26.8	94.7	839.0			99%	87%	59%	52%		
								50000000	17.9	29.4	167.4	1655.7	13949.3		15.1	22.3	92.4	805.6	6902.6		84%	76%	55%	49%	49%	
					random	5	1	1000000	12.3	18.2	90.5	775.4	522.8	580.3	12.6	13.5	24.2	102.9	565.5	1042.7	102%	75%	27%	13%	108%	180%
								10000000	12.9	19.5	90.8	910.8	7282.9	4586.0	12.3	13.5	22.5	120.5	820.2	5027.0	95%	69%	25%	13%	11%	110%
								50000000	13.9	19.8	93.7	794.6	7707.6	46209.4	14.3	15.6	23.3	100.1	854.6	6743.0	103%	78%	25%	13%	11%	15%
							10	1000000	12.6	18.1	87.4	769.1	514.9		12.1	13.5	22.0	109.2	562.8		96%	75%	25%	14%	109%	
								10000000	12.7	19.6	92.5	856.8	7125.6	4552.7	12.3	13.8	23.0	121.4	888.0	4714.8	97%	70%	25%	14%	12%	104%
								50000000	13.7	22.3	90.7	790.1	7832.4	46189.5	13.8	14.6	24.2	101.9	849.4	6649.2	101%	65%	27%	13%	11%	14%
							10	1000000	13.0	25.2	170.6	1092.8	459.8		12.9	16.4	31.6	178.5	722.3		100%	65%	19%	16%	157%	
								10000000	13.6	29.7	167.1	1601.1	9544.6	3903.5	12.7	15.8	31.1	183.5	1533.3	6221.1	93%	53%	19%	11%	16%	159%
								50000000	15.0	30.1	166.2	1565.1	15669.2	35039.7	13.1	16.8	32.4	184.2	1667.2	13321.4	87%	56%	19%	12%	11%	38%
							10	1000000	13.8	26.8	168.3	1042.5			12.8	16.2	31.3	175.3			93%	61%	19%	17%		
								10000000	13.9	31.9	168.0	1575.0	9562.8		12.9	15.2	31.1	190.9	1527.9		93%	48%	19%	12%	16%	
								50000000	15.7	29.0	170.1	1668.5	15560.9	35009.8	13.2	17.7	34.2	188.2	1667.4	13367.1	84%	61%	20%	11%	11%	38%
							100	1000000	27.2	176.2	1104.6	479.7			14.6	30.2	194.0	736.8			54%	17%	18%	154%		
								10000000	30.5	163.8	1576.9	9529.8	3890.3		16.0	31.4	184.0	1574.2	6380.3		52%	19%	12%	17%	164%	
								50000000	28.9	166.3	1578.5	15744.1	35067.5	23897.9	17.9	34.2	189.9	1713.3	13212.9	38319.5	62%	21%	12%	11%	38%	160%
							10	1000000	26.9	174.6	1011.0				16.6	34.0	164.9				62%	19%	16%			
								10000000	26.1	164.7	1580.4	9570.2			16.3	32.3	186.6	1574.8			62%	20%	12%	16%		
								50000000	30.6	173.2	1553.5	15596.6	35278.7		17.5	32.4	185.7	1699.0	13356.2		57%	19%	12%	11%	38%	
					sequential	5	1	1000000	12.0	11.9	14.3	19.9	55.2	383.1	12.1	12.4	13.3	19.2	73.4	604.5	100%	104%	94%	96%	133%	158%
								10000000	12.3	12.6	13.8	21.3	54.0	380.4	11.6	13.0	13.2	19.7	79.4	610.6	95%	103%	95%	93%	147%	161%
								50000000	13.8	12.3	14.1	19.1	51.4	380.7	12.1	12.2	12.3	19.4	70.3	580.6	88%	100%	87%	102%	137%	152%
							10	1000000	12.4	13.1	16.4	24.9	61.0		12.1	12.2	13.5	21.0	76.2		98%	93%	82%	85%	125%	
								10000000	11.9	12.9	16.1	24.3	69.7	414.7	12.1	12.8	14.0	22.1	84.5	601.1	102%	99%	87%	91%	121%	145%
								50000000	12.4	13.7	16.9	24.7	59.8	389.8	13.0	13.0	13.8	20.7	72.3	586.1	105%	95%	82%	84%	121%	150%
							10	1000000	12.2	12.2	14.9	25.8	118.7		12.7	12.4	13.7	25.1	129.0		104%	102%	92%	97%	109%	
								10000000	12.9	13.1	15.8	23.1	120.4	771.4	12.1	12.5	15.0	26.8	132.2	1137.8	94%	96%	94%	116%	110%	147%
								50000000	12.6	12.7	13.7	22.5	118.0	754.2	12.6	12.5	14.3	24.7	125.8	1145.1	100%	98%	104%	110%	107%	152%
							10	1000000	12.3	13.1	17.3	36.3			12.6	12.6	14.5	29.8			102%	96%	84%	82%		
								10000000	12.5	13.6	18.4	34.8	143.2		12.6	13.1	16.9	29.1	133.0		101%	96%	92%	83%	93%	
								50000000	12.6	14.0	19.9	32.7	138.4	771.4	12.5	15.4	15.7	28.3	134.1	1151.4	99%	110%	79%	86%	97%	149%
							100	1000000	13.0	15.5	23.2	119.9			12.9	14.3	26.1	138.9			99%	92%	112%	116%		
								10000000	16.7	16.4	25.6	118.3	749.7		13.9	15.0	25.2	126.5	1144.4		84%	91%	98%	107%	153%	
								50000000	13.0	16.6	23.2	88.8	748.1	7382.1	14.1	15.8	25.3	125.6	1141.3	13568.5	108%	95%	109%	141%	153%	184%
							10	1000000	14.1	22.0	74.9				13.8	16.1	27.9				98%	73%	37%			
								10000000	17.8	22.5	69.6	257.0			18.6	17.3	28.0	162.2			105%	77%	40%	63%		
								50000000	14.1	20.0	66.7	230.1	968.3		14.7	17.1	28.3	161.0	1232.5		104%	85%	42%	70%	127%	
				xeon	cycle	5	1	1000000	11.2	13.6	25.9	128.9	391.1	689.7	13.5	12.4	13.1	31.4	160.3	778.6	120%	91%	51%	24%	41%	113%
								10000000	12.6	15.0	26.0	158.3	1174.0	3817.4	12.8	12.5	13.1	30.1	187.3	1617.0	101%	83%	50%	19%	16%	42%
								100000000	12.6	13.7	29.8	157.8	1417.6	11723.8	12.5	12.8	15.6	31.5	164.4	1808.3	100%	94%	52%	20%	12%	15%

					10	1000000	13.3	16.2	43.9	234.4	393.6		12.7	12.2	14.9	52.4	313.0		95%	75%	34%	22%	80%	
						10000000	12.2	15.1	47.3	337.4	2151.8	3595.7	13.0	12.7	15.5	47.5	365.9	2962.3	107%	84%	33%	14%	17%	82%
						100000000	13.7	16.7	46.9	350.9	3243.3	20996.7	12.5	14.9	18.2	48.8	319.6	3538.3	91%	89%	39%	14%	10%	17%
				10	1	1000000	12.9	14.6	30.4	153.8	400.9		13.2	12.5	14.3	37.5	202.1		103%	86%	47%	24%	50%	
						10000000	11.8	14.3	29.9	199.3	1365.7	3991.1	12.0	12.3	14.0	35.0	233.3	2188.8	102%	86%	47%	18%	17%	55%
						100000000	12.1	16.0	34.0	200.3	1859.6	13604.6	12.4	14.1	16.6	37.5	210.5	2379.2	103%	88%	49%	19%	11%	17%
					10	1000000	12.9	17.5	47.1	252.8			12.6	12.7	20.2	81.2			98%	73%	43%	32%		
						10000000	11.4	16.6	55.5	364.3	2380.4		12.7	13.0	20.0	78.4	656.0		112%	78%	36%	22%	28%	
						100000000	12.5	16.8	51.6	389.0	3521.3	22825.6	12.9	14.4	22.6	81.3	623.9	6360.7	103%	86%	44%	21%	18%	28%
				100	1	1000000	12.6	17.8	63.4	368.1			12.9	13.2	24.9	122.9			102%	74%	39%	33%		
						10000000	12.7	18.5	65.7	502.6	3659.3		13.0	15.2	23.8	121.7	1359.9		103%	82%	36%	24%	37%	
						100000000	13.3	17.4	64.5	512.2	5072.2	35532.4	13.1	15.2	27.5	124.4	1297.6	12417.2	99%	87%	43%	24%	26%	35%
					10	1000000	13.6	25.5	130.7				13.3	21.7	83.5				97%	85%	64%			
						10000000	14.2	24.9	127.7	1147.2			14.4	22.4	88.0	720.8			101%	90%	69%	63%		
						100000000	14.4	24.8	129.0	1130.9	10798.3		14.7	20.4	85.6	742.3	6840.5		102%	82%	66%	66%	63%	
			random	5	1	1000000	12.5	17.9	66.5	356.4	346.1	675.3	12.0	13.0	18.8	71.3	395.6	706.5	95%	73%	28%	20%	114%	105%
						10000000	12.4	17.3	71.2	559.8	3452.2	3163.1	12.9	13.5	20.7	75.0	609.5	3149.0	104%	78%	29%	13%	18%	100%
						100000000	13.3	21.4	71.6	563.0	5485.5	33297.4	11.6	14.5	21.8	77.1	584.5	5783.4	87%	68%	30%	14%	11%	17%
					10	1000000	12.6	18.0	69.9	360.0	351.6		13.9	13.4	20.0	72.3	401.3		110%	74%	29%	20%	114%	
						10000000	12.5	18.4	67.9	560.8	3476.6	3216.7	13.2	13.4	20.0	77.1	622.1	3045.3	105%	73%	29%	14%	18%	95%
						100000000	12.8	18.4	68.1	562.4	5477.3	33229.4	12.4	14.5	20.7	74.9	592.0	5762.6	97%	79%	30%	13%	11%	17%
				10	1	1000000	13.9	25.5	121.3	515.0	383.6		12.9	14.4	24.8	116.3	559.8		93%	57%	20%	23%	146%	
						10000000	12.4	22.4	117.9	1090.3	4815.0	3158.2	13.1	12.8	26.6	142.6	1048.8	4494.7	106%	57%	23%	13%	22%	142%
						100000000	14.8	26.0	123.6	1106.5	10795.3	46534.2	13.2	15.5	26.9	127.7	1269.3	10313.6	90%	60%	22%	12%	12%	22%
					10	1000000	12.6	23.8	119.5	510.7			11.8	14.8	25.5	115.8			93%	62%	21%	23%		
						10000000	13.7	23.5	124.8	1093.0	4867.4		13.0	13.2	27.6	142.3	1057.7		95%	56%	22%	13%	22%	
						100000000	13.5	26.1	128.3	1121.3	10841.9	46623.3	13.7	15.6	28.1	127.9	1273.4	10361.9	102%	60%	22%	11%	12%	22%
				100	1	1000000	25.0	121.1	555.7	378.5			13.9	26.8	116.3	465.1			56%	22%	21%	123%		
						10000000	25.2	119.0	1092.3	4892.1	3207.9		14.8	26.9	138.3	1042.9	4287.4		59%	23%	13%	21%	134%	
						100000000	27.5	123.3	1113.0	10790.5	46432.3	36356.3	16.5	28.0	124.6	1251.9	10317.6	47786.9	60%	23%	11%	12%	22%	131%
					10	1000000	24.9	121.8	555.9				14.1	28.0	117.4				57%	23%	21%			
						10000000	24.2	125.3	1079.7	4907.9			15.2	27.5	137.4	1077.9			63%	22%	13%	22%		
						100000000	25.5	123.7	1101.6	10730.7	46644.1		16.9	30.0	128.2	1288.5	10373.5		66%	24%	12%	12%	22%	
			sequential	5	1	1000000	13.1	13.0	13.4	18.3	56.0	505.7	12.5	12.6	13.1	18.5	62.6	466.6	95%	97%	98%	101%	112%	92%
						10000000	13.0	12.4	13.2	17.0	55.7	509.6	12.7	12.4	12.7	17.8	62.4	575.7	97%	101%	96%	105%	112%	113%
						100000000	12.8	14.0	14.4	18.5	55.7	514.0	12.9	13.4	13.6	19.0	63.0	576.3	101%	96%	95%	103%	113%	112%
					10	1000000	13.1	13.5	15.3	21.7	62.1		13.5	13.4	12.9	20.5	64.0		104%	100%	84%	94%	103%	
						10000000	12.7	12.9	14.9	20.3	63.8	420.6	12.2	13.2	13.2	18.2	66.6	553.9	96%	102%	88%	90%	104%	132%
						100000000	12.7	13.8	15.0	21.7	64.0	524.4	12.9	13.5	12.4	20.7	65.3	528.3	101%	98%	83%	95%	102%	101%
				10	1	1000000	12.6	13.8	12.8	23.3	94.4		13.1	13.3	12.7	23.4	107.9		103%	96%	99%	101%	114%	
						10000000	12.4	13.2	13.8	21.5	95.3	977.7	12.5	13.2	13.9	24.4	111.0	950.7	101%	100%	101%	113%	116%	97%
						100000000	13.7	14.2	13.9	23.0	97.4	956.4	13.5	13.1	14.0	24.1	107.7	1125.6	98%	92%	101%	105%	111%	118%
					10	1000000	12.6	13.8	17.2	32.2			12.7	12.8	12.8	26.0			100%	93%	74%	81%		
						10000000	12.4	13.8	17.4	30.6	112.0		12.9	13.1	14.0	26.6	114.7		104%	95%	80%	87%	102%	
						100000000	13.3	13.2	18.1	31.2	108.2	901.5	13.1	13.7	14.2	25.6	115.3	1160.3	99%	104%	79%	82%	107%	129%
				100	1	1000000	14.0	14.4	22.2	96.2			13.0	14.3	23.6	108.1			93%	99%	106%	112%		
						10000000	13.2	15.3	23.4	94.3	1029.6		13.5	14.3	24.7	108.7	946.0		103%	94%	105%	115%	92%	
						100000000	13.8	14.3	23.2	96.2	1021.3	9612.2	14.4	14.4	23.2	107.6	1151.9	10933.8	104%	100%	100%	112%	113%	114%
					10	1000000	13.3	18.9	54.5				13.2	15.8	26.3				99%	84%	48%			
						10000000	14.8	18.1	51.3	185.8			14.3	15.4	24.7	136.0			97%	85%	48%	73%		
						100000000	14.8	18.0	53.2	186.7	952.1		14.2	18.0	26.9	136.4	1161.8		96%	100%	50%	73%	122%	
	patched	i5	cycle	5	1	1000000	12.0	13.7	32.4	218.0	780.1	569.7	12.4	12.6	14.3	37.2	236.6	975.1	103%	92%	44%	17%	30%	171%
						10000000	12.0	14.4	31.0	220.9	2133.5	7348.6	12.6	13.0	15.5	35.6	234.6	2180.7	105%	91%	50%	16%	11%	30%
						50000000	12.0	15.0	34.4	218.5	2067.8	20904.9	12.0	13.5	17.7	39.2	232.6	2182.4	101%	90%	52%	18%	11%	10%
					10	1000000	12.3	17.5	68.5	471.0	490.5		12.3	12.9	18.0	63.9	499.3		101%	74%	26%	14%	102%	
						10000000	12.4	17.0	58.4	642.0	4427.1	4335.1	12.6	13.4	17.4	73.2	493.6	4459.8	102%	79%	30%	11%	11%	103%
						50000000	12.5	18.6	64.2	610.4	4523.3	51198.7	13.4	13.8	19.8	65.4	500.7	4343.8	107%	74%	31%	11%	11%	8%
				10	1	1000000	12.0	14.1	40.0	299.6	628.9		11.6	12.4	17.6	43.7	298.8		97%	88%	44%	15%	48%	
						10000000	12.2	15.0	40.1	298.2	2772.4	5678.3	12.4	13.2	16.7	41.9	291.1	2886.7	102%	88%	42%	14%	11%	51%

						50000000	12.9	17.7	40.7	296.9	2776.4	26040.4	11.9	14.1	18.9	45.8	291.3	2772.8	93%	79%	46%	15%	10%	11%
					10	1000000	12.8	17.7	72.7	498.0			12.6	14.1	23.5	104.2			99%	80%	32%	21%		
						10000000	12.4	17.5	66.4	608.3	4722.6		12.6	13.7	23.9	102.7	894.5		102%	78%	36%	17%	19%	
						50000000	12.7	19.6	68.7	675.6	4846.1	32123.9	13.5	16.3	25.0	106.0	868.0	7645.0	106%	84%	36%	16%	18%	24%
				100	1	1000000	12.8	20.6	87.0	574.7			12.6	14.4	28.7	143.7			99%	70%	33%	25%		
						10000000	14.8	20.9	79.9	752.5	5212.8		17.2	15.9	29.1	144.7	1314.3		116%	76%	36%	19%	25%	
						50000000	13.9	21.5	82.7	767.0	6490.7	37067.1	13.1	14.8	27.8	146.1	1339.0	13461.7	94%	69%	34%	19%	21%	36%
					10	1000000	13.3	28.5	172.9				13.8	21.9	92.2				104%	77%	53%			
						10000000	18.2	29.4	172.8	1597.5			15.4	22.4	91.0	811.9			85%	76%	53%	51%		
						50000000	14.4	28.2	166.8	1655.4	14419.1		14.4	23.5	92.2	812.3	6820.0		100%	83%	55%	49%	47%	
		random		5	1	1000000	13.1	19.4	95.6	774.3	517.4	608.9	12.5	13.6	22.5	96.0	531.7	1020.9	95%	70%	24%	12%	103%	168%
						10000000	13.0	20.2	89.7	786.7	7169.4	4631.4	12.6	12.9	24.3	103.4	815.4	4665.1	97%	64%	27%	13%	11%	101%
						50000000	13.8	22.9	92.9	784.8	7853.3	47244.3	13.2	16.0	23.6	104.3	923.0	6617.4	96%	70%	25%	13%	12%	14%
					10	1000000	13.2	19.4	86.5	763.3	502.2		12.9	14.0	21.6	95.8	550.8		97%	72%	25%	13%	110%	
						10000000	12.6	18.5	91.3	812.1	7056.7	4668.5	12.7	13.0	22.5	107.4	812.1	4724.1	101%	70%	25%	13%	12%	101%
						50000000	13.6	21.0	86.0	779.2	7779.9	46938.2	12.6	15.0	24.1	107.1	862.8	6678.9	93%	71%	28%	14%	11%	14%
				10	1	1000000	13.4	33.8	167.1	1004.5	450.1		12.8	14.2	29.8	167.7	713.7		96%	42%	18%	17%	159%	
						10000000	13.5	30.0	171.5	1569.8	9614.6	3957.4	12.8	13.9	31.1	183.4	1563.7	6286.4	95%	46%	18%	12%	16%	159%
						50000000	13.9	30.1	170.3	1566.3	15507.3	35330.3	15.4	16.4	32.1	196.3	1676.3	13994.0	111%	55%	19%	13%	11%	40%
					10	1000000	13.9	30.5	167.0	1013.0			13.0	14.9	31.8	167.9			93%	49%	19%	17%		
						10000000	14.1	30.4	171.2	1577.5	9550.9		13.1	16.6	31.8	185.2	1697.3		93%	55%	19%	12%	18%	
						50000000	15.3	27.4	168.8	1571.1	15690.1	36145.0	14.0	16.3	33.3	190.5	1674.8	12809.8	92%	59%	20%	12%	11%	35%
				100	1	1000000	27.1	169.1	1035.2	441.1			16.4	31.1	169.5	732.2			60%	18%	16%	166%		
						10000000	30.3	173.1	1561.7	9603.3	3912.4		14.6	32.8	182.2	1544.7	6300.6		48%	19%	12%	16%	161%	
						50000000	27.5	170.4	1567.7	15664.4	35263.3	23567.8	17.2	31.9	188.2	1691.2	12969.3	39113.8	63%	19%	12%	11%	37%	166%
					10	1000000	25.2	163.7	1023.1				16.5	34.5	172.7				65%	21%	17%			
						10000000	26.2	169.5	1561.0	9644.5			17.0	31.0	183.8	1555.5			65%	18%	12%	16%		
						50000000	28.6	167.6	1556.4	15805.9	35259.5		16.6	32.8	189.2	1710.0	13416.6		58%	20%	12%	11%	38%	
		sequential		5	1	1000000	12.3	12.2	14.3	20.3	52.0	380.4	11.9	12.2	13.0	21.8	74.1	601.4	97%	101%	91%	107%	143%	158%
						10000000	12.2	12.4	13.4	18.9	54.4	383.5	12.2	12.5	13.2	21.2	70.7	575.1	100%	101%	99%	112%	130%	150%
						50000000	12.5	12.6	13.7	19.1	51.1	382.0	12.6	12.6	13.7	19.6	70.7	577.5	101%	100%	100%	103%	138%	151%
					10	1000000	11.9	13.2	16.6	23.1	60.6		12.7	12.2	13.6	22.2	75.3		106%	92%	82%	96%	124%	
						10000000	12.5	13.0	15.0	24.1	62.0	389.2	12.3	12.6	14.0	20.7	73.2	581.8	99%	97%	93%	86%	118%	150%
						50000000	12.5	14.5	15.5	22.7	59.9	394.9	13.2	12.5	15.0	24.5	72.1	584.3	105%	86%	97%	108%	120%	148%
				10	1	1000000	12.6	12.5	15.2	24.3	114.9		12.5	12.2	13.6	25.9	127.5		99%	98%	89%	107%	111%	
						10000000	12.4	12.5	14.7	23.6	119.6	744.9	12.1	12.6	14.4	25.8	127.2	1144.1	98%	100%	98%	109%	106%	154%
						50000000	13.3	13.4	15.4	23.2	117.1	746.8	12.1	12.6	15.8	24.5	127.0	1141.1	91%	94%	103%	106%	108%	153%
					10	1000000	12.7	13.5	19.1	36.6			12.4	12.8	14.6	30.6			98%	95%	76%	84%		
						10000000	12.5	13.3	22.5	33.1	136.4		12.4	13.3	15.0	29.8	131.5		100%	100%	67%	90%	96%	
						50000000	12.8	13.5	20.7	33.1	135.7	771.4	12.4	13.4	15.5	29.2	132.5	1162.4	97%	99%	75%	88%	98%	151%
				100	1	1000000	12.9	16.4	23.5	118.5			12.8	14.2	25.6	133.9			99%	86%	109%	113%		
						10000000	14.7	17.2	21.9	122.1	748.5		14.4	15.0	26.8	128.2	1214.6		98%	87%	123%	105%	162%	
						50000000	13.9	15.3	21.9	88.7	746.6	9868.5	13.3	15.0	24.9	125.9	1139.9	13640.8	96%	97%	114%	142%	153%	138%
					10	1000000	14.0	21.1	69.1				13.7	16.7	28.2				98%	79%	41%			
						10000000	15.6	22.6	65.7	257.6			14.8	17.1	31.2	174.3			95%	75%	47%	68%		
						50000000	15.7	19.3	69.0	225.8	969.9		14.1	18.0	27.9	163.9	1224.7		90%	93%	41%	73%	126%	
	xeon	cycle		5	1	1000000	12.0	14.1	28.9	134.2	392.2	675.9	12.7	12.6	15.9	32.8	159.0	786.7	106%	89%	55%	24%	41%	116%
						10000000	12.5	14.8	26.5	159.2	1165.7	3835.3	13.3	13.9	14.9	30.1	185.8	1649.7	107%	93%	56%	19%	16%	43%
						100000000	12.7	14.7	30.2	160.2	1426.5	11707.8	13.0	13.5	16.9	32.9	168.2	1737.7	102%	92%	56%	21%	12%	15%
					10	1000000	13.4	17.0	46.7	238.8	390.5		13.4	13.4	17.2	52.9	319.5		100%	79%	37%	22%	82%	
						10000000	13.2	16.7	49.3	338.0	2163.9	3606.4	12.6	14.0	16.4	49.8	372.3	2962.0	96%	83%	33%	15%	17%	82%
						100000000	13.2	16.8	48.8	353.4	3235.1	21009.6	13.0	13.6	20.2	48.7	327.4	3508.3	98%	81%	41%	14%	10%	17%
				10	1	1000000	13.2	15.2	33.4	150.2	405.5		13.5	13.2	16.2	37.4	207.4		102%	87%	49%	25%	51%	
						10000000	12.8	15.1	31.4	199.9	1361.6	4010.7	13.5	14.1	16.5	37.1	233.9	2122.1	105%	94%	52%	19%	17%	53%
						100000000	13.3	15.0	34.4	200.6	1873.3	13670.2	13.2	13.7	17.2	36.9	215.9	2384.8	99%	91%	50%	18%	12%	17%
					10	1000000	13.4	17.6	47.9	256.5			13.0	14.1	18.8	82.9			97%	80%	39%	32%		
						10000000	13.8	16.8	56.0	369.8	2387.9		12.9	14.6	21.7	79.0	654.9		93%	87%	39%	21%	27%	
						100000000	13.0	16.5	51.4	386.3	3530.0	22825.7	12.7	14.4	22.2	84.2	637.6	6279.5	98%	87%	43%	22%	18%	28%
				100	1	1000000	13.3	18.4	63.9	367.9			13.6	14.7	25.1	125.0			103%	80%	39%	34%		

							10000000	13.8	19.0	66.6	502.3	3641.3		13.6	14.6	24.3	121.5	1287.1		99%	77%	37%	24%	35%	
							100000000	13.8	18.9	63.6	510.3	5066.4	35127.2	13.1	14.9	26.8	124.1	1296.5	12421.1	96%	79%	42%	24%	26%	35%
						10	1000000	14.2	26.8	130.0				14.2	21.9	84.5				100%	82%	65%			
							10000000	14.2	26.8	127.0	1155.9			14.3	21.9	89.2	723.9			101%	82%	70%	63%		
							100000000	14.6	26.7	129.1	1140.0	10689.9		14.3	22.2	86.0	748.8	6850.2		98%	83%	67%	66%	64%	
				random	5	1	1000000	13.4	19.1	67.0	348.3	353.5	635.0	13.2	15.4	18.1	72.1	401.4	792.5	99%	81%	27%	21%	114%	125%
							10000000	13.2	19.3	69.4	566.3	3478.4	3147.9	13.0	14.2	20.3	74.5	612.0	3089.2	99%	74%	29%	13%	18%	98%
							100000000	15.1	21.2	72.5	563.2	5499.8	33320.3	14.6	16.4	22.6	72.8	590.8	5716.8	97%	77%	31%	13%	11%	17%
						10	1000000	13.5	18.7	69.6	361.2	358.3		13.3	13.7	19.2	71.3	402.4		99%	74%	28%	20%	112%	
							10000000	14.1	18.3	67.3	565.0	3483.0	3158.1	14.2	14.1	20.4	73.7	611.3	3186.8	101%	77%	30%	13%	18%	101%
							100000000	14.1	19.0	71.2	573.3	5503.7	33450.3	13.0	15.1	22.3	73.1	579.1	5762.4	92%	79%	31%	13%	11%	17%
					10	1	1000000	13.4	23.8	126.6	511.6	373.5		12.9	14.4	24.6	113.3	563.8		97%	61%	19%	22%	151%	
							10000000	15.4	24.5	125.9	1092.5	4847.3	3309.8	13.3	14.4	27.4	144.2	1030.6	4379.0	86%	59%	22%	13%	21%	132%
							100000000	15.8	26.0	127.5	1105.2	10770.8	46655.5	13.0	17.4	28.0	123.0	1271.6	10215.0	82%	67%	22%	11%	12%	22%
						10	1000000	13.1	24.5	125.7	508.1			13.2	14.2	26.9	114.0			101%	58%	21%	22%		
							10000000	13.6	23.9	123.5	1095.4	4819.0		13.3	14.6	25.8	141.4	1051.5		97%	61%	21%	13%	22%	
							100000000	15.0	26.7	123.0	1118.9	10802.8	46881.8	14.6	16.2	28.7	127.1	1280.7	10356.4	97%	61%	23%	11%	12%	22%
					100	1	1000000	22.6	121.7	536.3	376.3			14.9	27.1	117.9	464.6			66%	22%	22%	123%		
							10000000	25.7	125.2	1087.8	4851.1	3324.6		15.0	26.2	139.9	1044.6	4345.3		58%	21%	13%	22%	131%	
							100000000	26.0	123.6	1106.8	10818.2	46510.7	36213.3	16.5	27.5	124.2	1271.9	10235.1	48102.6	64%	22%	11%	12%	22%	133%
						10	1000000	24.4	121.4	561.3				14.9	27.5	118.0				61%	23%	21%			
							10000000	24.6	124.0	1094.6	4870.2			14.9	27.4	140.4	1070.3			61%	22%	13%	22%		
							100000000	26.5	126.1	1114.4	10795.3	46517.6		17.5	27.9	124.9	1283.0	10413.7		66%	22%	11%	12%	22%	
				sequential	5	1	1000000	12.9	14.1	14.4	19.4	56.1	515.6	12.7	13.4	14.2	19.3	62.8	461.7	98%	95%	98%	99%	112%	90%
							10000000	12.8	13.1	14.4	19.2	54.8	414.5	12.7	13.6	13.1	18.8	61.4	542.0	99%	104%	91%	98%	112%	131%
							100000000	12.9	13.0	14.9	19.7	56.1	407.6	13.5	13.4	14.4	19.7	63.7	474.8	105%	104%	97%	100%	113%	117%
						10	1000000	12.2	14.7	16.2	24.0	65.8		12.3	13.4	14.6	19.0	65.9		101%	91%	90%	79%	100%	
							10000000	12.9	14.5	14.1	21.8	62.9	417.7	12.9	13.3	13.9	20.3	65.4	588.2	100%	91%	98%	93%	104%	141%
							100000000	14.1	15.0	16.3	22.2	63.6	532.7	13.6	14.5	14.2	20.6	66.5	531.8	97%	97%	87%	93%	105%	100%
					10	1	1000000	12.2	13.5	15.2	25.2	95.7		12.1	14.3	13.5	25.2	111.9		100%	106%	89%	100%	117%	
							10000000	12.8	13.0	14.2	22.5	94.4	850.4	13.1	13.8	14.1	23.5	108.0	996.7	102%	106%	99%	105%	114%	117%
							100000000	13.6	14.7	14.5	24.4	96.1	1027.6	12.6	14.4	13.4	24.5	108.5	921.1	92%	98%	92%	101%	113%	90%
						10	1000000	11.9	14.9	17.7	32.3			12.7	14.2	13.3	27.0			107%	95%	75%	84%		
							10000000	13.4	14.2	18.7	30.6	108.3		13.6	14.5	14.4	25.6	117.0		102%	102%	77%	84%	108%	
							100000000	12.6	14.9	16.8	30.2	110.4	1038.5	14.5	14.7	14.1	27.6	114.9	1147.8	115%	98%	84%	91%	104%	111%
					100	1	1000000	12.8	16.1	23.3	95.3			12.6	15.2	23.8	109.5			98%	95%	102%	115%		
							10000000	12.9	16.6	22.3	95.9	1020.0		13.9	15.1	24.5	107.9	1167.3		107%	91%	110%	113%	114%	
							100000000	13.5	14.4	23.8	94.5	1010.5	9561.2	14.0	15.1	23.7	107.1	1012.2	10823.9	104%	105%	100%	113%	100%	113%
						10	1000000	14.9	18.8	54.0				14.2	16.0	25.8				96%	85%	48%			
							10000000	15.0	19.4	53.4	185.6			15.5	15.5	25.8	135.0			103%	80%	48%	73%		
							100000000	15.0	19.3	54.0	186.2	947.4		15.4	16.2	26.1	137.7	1168.9		103%	84%	48%	74%	123%	
	indexscan	master	i5	cycle	5	1	1000000	12.1	13.2	28.4	199.7	1895.0	648.9	11.7	13.7	29.6	198.5	1883.3	654.9	96%	103%	104%	99%	99%	101%
							10000000	12.4	13.4	29.0	195.9	1834.1	18359.7	12.1	13.4	30.5	194.3	1827.5	18307.3	98%	100%	105%	99%	100%	100%
							50000000	12.5	14.9	33.5	195.8	1842.2	18484.5	12.4	14.8	32.1	216.5	1875.4	18462.6	99%	99%	96%	111%	102%	100%
						10	1000000	11.9	16.6	61.7	511.6	4202.5		12.2	16.6	61.6	506.7	4195.6		103%	100%	100%	99%	100%	
							10000000	12.2	16.8	59.8	505.6	4781.7	40905.5	12.3	16.7	62.0	502.4	4780.7	40737.6	100%	99%	104%	99%	100%	100%
							50000000	13.0	18.1	65.1	502.0	4818.7	46449.2	12.5	17.6	63.0	499.9	5008.2	46669.4	96%	97%	97%	100%	104%	100%
						10	1000000	11.6	14.4	32.4	238.8	2254.0		11.8	14.2	35.5	238.1	2262.8		101%	99%	110%	100%	100%	
							10000000	12.2	14.4	33.0	230.7	2334.0	22125.7	12.6	14.3	36.7	234.8	2271.9	22376.0	103%	100%	111%	102%	97%	101%
							50000000	13.0	15.6	35.0	240.5	2269.9	22252.2	12.4	17.1	36.1	238.9	2263.8	22327.2	96%	110%	103%	99%	100%	100%
						10	1000000	12.2	17.4	69.9	616.5			12.3	17.8	71.8	611.1			101%	102%	103%	99%		
							10000000	12.4	17.6	70.4	595.2	5699.6		12.4	18.2	72.6	596.3	5693.1		100%	103%	103%	100%	100%	
							50000000	13.0	19.2	73.1	599.2	5690.7	55678.1	13.3	18.2	72.1	622.4	5943.9	55628.3	102%	95%	99%	104%	104%	100%
					100	1	1000000	12.9	18.8	81.1	687.9			12.2	21.3	79.3	723.4			94%	113%	98%	105%		
							10000000	14.0	19.6	80.3	676.6	6840.9		17.8	20.7	77.3	701.8	6843.0		127%	105%	96%	104%	100%	
							50000000	13.7	19.7	85.3	718.9	6910.7	68268.5	15.0	19.6	84.7	719.4	6954.3	68903.2	110%	99%	99%	100%	101%	101%
						10	1000000	13.8	24.2	156.7				13.1	25.8	158.6				95%	107%	101%			
							10000000	16.3	27.0	158.2	1777.0			15.2	27.9	156.5	1783.1			94%	103%	99%	100%		
							50000000	16.6	23.6	160.5	1805.9	24720.4		16.6	24.3	163.4	1798.6	24833.2		100%	103%	102%	100%	100%	

		random	5	1	1000000	12.1	17.6	89.5	764.0	1578.9	701.0	12.6	18.2	88.9	768.4	1536.7	728.1	104%	103%	99%	101%	97%	104%
					10000000	13.0	18.7	90.3	917.0	7401.0	14702.4	12.6	18.3	84.7	868.5	7260.8	14977.7	97%	98%	94%	95%	98%	102%
					50000000	12.7	21.8	90.9	785.9	7665.5	65352.7	13.3	20.5	93.0	779.8	7574.8	65288.6	105%	94%	102%	99%	99%	100%
				10	1000000	11.9	20.0	91.7	763.6	1577.2		12.8	18.1	89.0	791.0	1558.5		107%	90%	97%	104%	99%	
					10000000	12.8	19.6	87.1	859.5	7408.9	14526.8	12.8	18.5	86.0	839.3	7667.2	14447.6	100%	95%	99%	98%	103%	99%
					50000000	13.8	22.8	88.9	769.2	7616.4	64809.7	12.7	21.3	91.2	782.4	7650.3	65469.9	92%	93%	103%	102%	100%	101%
			10	1	1000000	12.9	26.1	163.6	1490.7	1705.6		13.2	28.6	163.5	1439.1	1704.5		102%	110%	100%	97%	100%	
					10000000	13.6	29.9	166.8	1563.7	13595.1	16440.5	13.6	28.1	165.0	1517.1	13311.7	16336.9	100%	94%	99%	97%	98%	99%
					50000000	14.5	27.5	165.2	1544.1	15138.4	115729.4	14.9	28.4	171.6	1559.8	14849.1	114906.8	103%	103%	104%	101%	98%	99%
				10	1000000	13.1	26.7	170.3	1457.1			13.3	27.4	166.5	1444.2			102%	102%	98%	99%		
					10000000	13.3	25.9	161.9	1560.7	13952.0		13.7	25.9	169.9	1535.1	13449.9		103%	100%	105%	98%	96%	
					50000000	14.4	30.8	166.1	1657.9	15091.4	115424.3	14.9	28.8	169.2	1561.3	15031.5	115351.2	104%	94%	102%	94%	100%	100%
			100	1	1000000	25.8	163.9	1458.2	4002.8			24.9	169.5	1485.3	3947.9			97%	103%	102%	99%		
					10000000	27.9	166.6	1511.3	13896.7	38346.3		29.9	166.5	1517.1	14031.2	38148.4		107%	100%	100%	101%	99%	
					50000000	29.0	169.7	1556.5	15104.1	118840.9	1015848	29.5	172.4	1568.7	15143.7	116984.4	1020151	102%	102%	101%	100%	98%	100%
				10	1000000	27.2	167.9	1411.1				28.2	179.1	1420.1				104%	107%	101%			
					10000000	26.1	166.8	1513.1	13967.9			26.9	163.6	1542.0	13918.5			103%	98%	102%	100%		
					50000000	29.4	171.6	1555.9	15049.6	118143.3		31.0	171.9	1538.1	15123.4	117047.1		105%	100%	99%	100%	99%	
		sequential	5	1	1000000	11.6	12.2	13.2	17.6	53.7	383.1	11.9	12.2	14.9	19.1	52.2	388.7	103%	100%	113%	109%	97%	101%
					10000000	12.4	12.9	13.0	18.3	55.7	384.3	12.1	12.6	13.8	19.3	58.1	397.2	97%	97%	106%	106%	104%	103%
					50000000	12.4	12.6	13.1	19.5	53.7	385.3	12.7	12.3	13.3	18.4	56.3	383.9	103%	98%	102%	94%	105%	100%
				10	1000000	11.9	12.6	14.9	22.6	61.8		12.0	13.0	15.4	24.9	61.1		100%	103%	103%	110%	99%	
					10000000	12.1	13.3	14.8	23.7	68.0	424.7	12.2	13.4	15.4	23.9	67.4	403.1	101%	101%	104%	101%	99%	95%
					50000000	12.9	12.9	14.8	23.8	61.6	399.2	12.2	15.2	15.8	25.1	61.9	392.5	94%	118%	107%	106%	101%	98%
			10	1	1000000	11.8	12.6	13.7	22.1	89.4		11.7	12.0	14.5	26.8	119.6		99%	96%	106%	121%	134%	
					10000000	12.2	12.5	14.5	23.4	91.3	779.8	11.6	12.6	17.0	23.6	119.8	751.7	95%	101%	117%	101%	131%	96%
					50000000	12.6	14.2	15.6	22.7	88.6	756.1	11.9	13.4	13.9	23.5	117.4	750.3	94%	94%	89%	103%	133%	99%
				10	1000000	12.7	13.2	19.0	36.3			12.1	12.8	19.0	36.3			95%	98%	100%	100%		
					10000000	12.8	13.7	19.9	33.6	114.5		12.2	13.5	19.3	35.1	136.2		95%	98%	97%	104%	119%	
					50000000	13.2	14.3	19.0	34.2	106.3	777.7	12.4	13.3	19.1	36.2	135.9	783.6	94%	93%	101%	106%	128%	101%
			100	1	1000000	12.7	14.3	22.0	90.1			12.8	15.0	23.1	119.6			101%	105%	105%	133%		
					10000000	14.2	15.4	22.5	90.3	752.2		16.8	15.6	26.6	119.7	751.3		118%	102%	118%	133%	100%	
					50000000	13.8	15.1	24.9	119.0	751.4	9773.5	13.2	14.3	24.6	120.2	761.0	9790.6	96%	95%	98%	101%	101%	100%
				10	1000000	13.8	19.2	74.1				13.7	19.5	74.5				100%	102%	101%			
					10000000	15.3	20.6	66.8	236.3			15.2	20.5	68.7	263.2			99%	99%	103%	111%		
					50000000	15.3	19.1	69.9	265.9	957.3		14.6	19.8	72.5	263.1	963.3		96%	103%	104%	99%	101%	
	xeon	cycle	5	1	1000000	11.2	13.0	24.5	133.9	600.1	753.7	13.2	13.6	23.9	139.3	624.8	712.6	118%	104%	97%	104%	104%	95%
					10000000	12.8	13.8	23.6	143.8	1256.5	5750.6	12.0	13.6	24.3	142.6	1252.5	5705.5	94%	98%	103%	99%	100%	99%
					100000000	12.5	13.8	28.9	146.7	1321.1	12310.4	12.5	14.4	27.8	145.7	1324.3	12384.2	100%	104%	96%	99%	100%	101%
				10	1000000	13.1	15.5	45.0	357.6	1645.1		12.6	15.2	43.8	359.6	1600.8		97%	98%	97%	101%	97%	
					10000000	12.6	15.3	44.8	357.4	3339.8	15525.2	13.3	15.7	44.2	355.2	3357.4	15617.1	106%	103%	99%	99%	101%	101%
					100000000	12.8	17.2	49.5	353.7	3400.3	32995.7	11.7	16.3	48.3	355.2	3411.6	32860.0	92%	95%	98%	100%	100%	100%
			10	1	1000000	13.5	14.4	26.8	167.7	813.4		13.0	14.1	26.6	166.3	868.5		96%	98%	99%	99%	107%	
					10000000	11.2	13.8	26.0	170.9	1525.3	8674.9	11.8	13.8	26.3	170.6	1546.3	8689.5	105%	100%	101%	100%	101%	100%
					100000000	11.8	15.9	31.5	176.0	1596.9	15461.8	11.9	16.1	31.9	174.1	1592.6	15536.4	101%	101%	101%	99%	100%	100%
				10	1000000	12.4	17.1	51.7	420.1			11.8	16.4	52.3	420.5			95%	96%	101%	100%		
					10000000	11.5	16.2	53.5	421.0	4031.9		12.2	16.4	51.6	419.3	4062.6		107%	101%	96%	100%	101%	
					100000000	12.5	17.6	56.8	426.1	4082.8	39014.1	13.1	17.3	55.7	419.6	4077.9	39246.3	104%	98%	98%	98%	100%	101%
			100	1	1000000	11.9	17.0	60.7	499.0			12.9	16.9	61.4	504.2			109%	100%	101%	101%		
					10000000	13.1	17.9	61.4	496.6	5148.2		12.6	18.0	59.6	496.7	5153.6		96%	101%	97%	100%	100%	
					100000000	13.0	16.7	63.0	499.8	5214.7	53282.5	13.1	18.1	62.8	504.3	5205.4	52657.7	101%	108%	100%	101%	100%	99%
				10	1000000	13.3	22.1	97.2				12.1	21.7	97.1				91%	98%	100%			
					10000000	13.7	22.0	97.1	1044.7			13.3	22.4	97.0	1054.7			97%	102%	100%	101%		
					100000000	14.3	21.4	103.6	1061.4	10060.4		14.0	21.5	102.2	1040.6	9993.2		98%	101%	99%	98%	99%	
		random	5	1	1000000	11.8	19.0	69.8	522.2	830.6	770.9	12.5	18.1	66.3	520.5	866.9	794.0	106%	95%	95%	100%	104%	103%
					10000000	12.8	16.6	65.3	549.9	5151.1	7453.1	12.2	17.9	70.3	551.0	5148.1	7452.8	96%	108%	108%	100%	100%	100%
					100000000	13.1	20.3	71.2	566.7	5429.3	50550.9	11.7	19.3	73.2	566.4	5470.8	50586.0	89%	95%	103%	100%	101%	100%
				10	1000000	12.6	17.9	65.1	521.7	867.3		13.5	18.1	66.9	526.0	852.6		107%	101%	103%	101%	98%	
					10000000	12.2	18.7	70.1	547.6	5171.5	7516.4	13.7	18.5	64.9	553.4	5181.6	7523.7	113%	99%	93%	101%	100%	100%

							100000000	12.1	18.9	71.3	569.0	5431.7	50573.2	13.0	17.3	67.6	559.8	5406.7	50566.0	107%	92%	95%	98%	100%	100%
					10	1	1000000	13.1	23.9	123.1	981.3	982.6		12.9	24.9	120.4	975.1	964.5		98%	104%	98%	99%	98%	
							10000000	12.7	23.0	119.8	1086.3	9714.9	9277.0	13.6	22.2	122.0	1086.2	9710.7	9387.8	107%	96%	102%	100%	100%	101%
							100000000	14.7	26.5	126.0	1101.4	10754.8	95738.1	14.9	25.7	120.5	1099.5	10765.2	95615.9	101%	97%	96%	100%	100%	100%
						10	1000000	12.2	24.6	118.5	979.4			12.4	23.9	120.1	971.4			102%	97%	101%	99%		
							10000000	13.1	22.3	123.9	1093.8	9703.6		13.2	23.7	122.8	1080.4	9737.8		101%	106%	99%	99%	100%	
							100000000	13.1	25.5	121.4	1104.7	10775.1	95681.5	14.1	25.1	124.2	1096.1	10749.0	95688.1	108%	98%	102%	99%	100%	100%
					100	1	1000000	22.5	120.9	972.6	2596.6			24.0	120.3	979.3	2531.9			107%	100%	101%	98%		
							10000000	23.4	123.0	1083.5	9839.4	26823.4		24.9	121.5	1081.5	9807.0	26839.6		106%	99%	100%	100%	100%	
							100000000	25.0	123.7	1101.2	10755.2	96825.0	270171.7	26.2	125.3	1109.4	10711.2	96249.0	268905.2	105%	101%	101%	100%	99%	100%
						10	1000000	23.9	122.5	984.3				21.9	125.8	988.6				92%	103%	100%			
							10000000	22.7	120.8	1084.0	9860.7			25.6	127.8	1087.1	9854.2			113%	106%	100%	100%		
							100000000	27.9	127.0	1121.2	10761.5	96498.2		27.0	124.2	1093.5	10779.4	96652.6		97%	98%	98%	100%	100%	
				sequential	5	1	1000000	13.5	12.1	12.9	17.6	57.1	519.7	12.6	12.8	13.1	17.1	55.9	460.7	94%	105%	101%	97%	98%	89%
							10000000	12.7	13.0	12.0	16.9	54.8	539.6	12.6	12.3	11.6	17.7	56.3	527.5	99%	95%	97%	104%	103%	98%
							100000000	12.9	14.0	13.8	18.6	56.8	523.7	13.3	13.0	13.8	18.2	61.9	522.8	104%	92%	100%	98%	109%	100%
						10	1000000	11.9	12.8	14.2	21.7	60.6		13.5	13.2	13.6	22.2	60.7		114%	103%	96%	102%	100%	
							10000000	12.0	13.6	13.5	20.0	61.6	442.5	12.4	13.9	13.9	19.8	61.9	419.2	103%	102%	103%	99%	100%	95%
							100000000	13.1	13.2	14.1	21.5	62.2	530.3	12.6	13.7	13.9	21.3	62.5	484.5	96%	104%	99%	99%	100%	91%
					10	1	1000000	12.5	12.8	12.5	22.3	95.2		12.7	12.9	12.4	22.9	96.8		102%	101%	99%	103%	102%	
							10000000	12.1	12.3	13.0	21.6	95.6	1053.8	12.1	12.1	13.2	23.1	96.2	812.3	100%	99%	101%	107%	101%	77%
							100000000	12.9	13.1	13.4	22.2	96.2	809.9	14.2	12.3	13.6	22.3	96.6	870.7	110%	93%	102%	100%	100%	108%
						10	1000000	12.1	13.2	17.3	31.4			12.9	14.3	16.3	30.9			106%	108%	94%	98%		
							10000000	12.2	14.0	18.1	30.2	109.5		12.3	14.0	17.1	30.1	107.2		101%	100%	95%	99%	98%	
							100000000	13.6	13.0	17.5	32.4	108.3	1044.1	12.5	14.0	17.7	30.4	107.6	879.8	92%	108%	101%	94%	99%	84%
					100	1	1000000	12.7	14.3	21.9	95.5			12.7	14.3	22.6	96.6			100%	100%	103%	101%		
							10000000	12.6	15.1	22.4	95.0	1066.1		13.3	14.7	23.0	97.7	928.8		106%	97%	103%	103%	87%	
							100000000	13.2	13.8	23.4	101.1	1011.2	9712.7	14.5	14.0	22.0	97.8	1066.9	9817.8	109%	101%	94%	97%	106%	101%
						10	1000000	12.7	17.9	55.0				12.7	17.2	54.6				100%	96%	99%			
							10000000	13.8	17.9	52.4	188.4			13.2	17.3	52.3	186.4			96%	97%	100%	99%		
							100000000	14.1	19.6	54.3	188.5	1197.5		14.4	18.9	54.1	190.9	1126.5		102%	96%	100%	101%	94%	
	patched	i5		cycle	5	1	1000000	12.4	14.1	28.7	201.4	1854.2	664.9	11.7	13.1	16.0	45.8	346.5	657.2	95%	93%	56%	23%	19%	99%
							10000000	12.5	14.1	29.4	197.5	1869.1	18397.4	12.1	12.5	16.4	48.2	345.2	3166.2	97%	88%	56%	24%	18%	17%
							50000000	12.6	16.5	33.0	196.7	1857.7	18507.9	13.4	13.7	18.1	47.1	331.6	3105.5	106%	83%	55%	24%	18%	17%
						10	1000000	12.2	16.6	62.8	519.0	4219.3		12.2	13.2	17.6	64.7	524.4		99%	80%	28%	12%	12%	
							10000000	12.3	18.2	60.5	534.8	4795.0	40715.7	12.1	13.0	18.5	80.4	494.3	4511.0	99%	72%	31%	15%	10%	11%
							50000000	13.3	17.4	62.2	503.8	4884.3	46967.2	12.1	14.2	20.5	65.2	553.2	4332.2	91%	82%	33%	13%	11%	9%
					10	1	1000000	11.8	14.4	36.0	237.4	2264.2		12.2	13.2	18.7	66.0	562.6		104%	91%	52%	28%	25%	
							10000000	12.0	14.5	34.4	241.3	2260.6	22049.8	12.4	13.1	19.7	63.8	535.9	5095.7	103%	90%	57%	26%	24%	23%
							50000000	13.3	16.2	37.3	257.6	2289.4	22259.3	12.6	14.9	19.8	65.6	539.5	5005.9	95%	92%	53%	25%	24%	22%
						10	1000000	12.0	17.6	72.8	621.5			12.2	13.9	22.5	106.0			101%	79%	31%	17%		
							10000000	12.3	17.6	74.3	603.4	5711.0		12.4	13.5	26.9	105.6	918.1		101%	76%	36%	17%	16%	
							50000000	12.6	18.7	72.8	597.7	5806.9	55445.2	13.0	16.0	23.5	107.1	920.2	7991.6	103%	85%	32%	18%	16%	14%
					100	1	1000000	12.7	18.5	78.2	684.3			12.8	16.9	50.3	428.5			101%	91%	64%	63%		
							10000000	13.9	19.4	77.8	673.1	6940.3		14.2	18.1	53.6	422.4	3799.6		102%	93%	69%	63%	55%	
							50000000	14.1	19.9	84.7	724.2	6943.9	69149.9	13.7	18.1	55.2	428.4	3821.3	37502.4	97%	91%	65%	59%	55%	54%
						10	1000000	13.3	25.4	158.5				13.7	25.5	93.7				104%	101%	59%			
							10000000	15.1	24.8	159.3	1778.1			17.2	25.0	94.4	877.4			114%	100%	59%	49%		
							50000000	14.8	24.3	160.6	1804.9	24690.4		15.4	22.7	101.4	864.1	7378.3		104%	94%	63%	48%	30%	
				random	5	1	1000000	12.6	19.0	89.3	761.4	1589.1	728.0	12.8	13.9	23.4	92.1	593.1	748.6	102%	73%	26%	12%	37%	103%
							10000000	13.1	18.6	87.4	776.1	7355.8	14803.5	12.4	13.0	21.2	100.1	793.9	5406.6	94%	70%	24%	13%	11%	37%
							50000000	13.6	21.5	89.1	773.3	7633.1	65830.9	13.7	15.2	23.0	99.6	917.4	6528.1	101%	70%	26%	13%	12%	10%
						10	1000000	12.1	19.5	94.6	759.5	1555.9		12.7	13.6	24.4	94.4	588.9		104%	70%	26%	12%	38%	
							10000000	12.5	18.5	88.8	789.3	7383.8	14689.7	12.1	13.5	22.5	101.6	800.3	5511.5	97%	73%	25%	13%	11%	38%
							50000000	13.7	21.1	90.9	769.2	7637.6	65780.0	14.0	14.5	24.2	102.3	845.6	6598.0	102%	69%	27%	13%	11%	10%
					10	1	1000000	13.3	27.7	166.4	1436.2	1665.4		12.3	17.2	31.2	167.0	888.5		93%	62%	19%	12%	53%	
							10000000	13.0	29.7	163.7	1525.2	13781.8	16026.9	12.8	13.8	30.7	179.8	1509.3	8464.4	99%	46%	19%	12%	11%	53%
							50000000	16.1	30.9	165.7	1541.7	15181.5	117061.2	13.7	17.0	33.1	195.3	1647.1	11812.9	85%	55%	20%	13%	11%	10%
						10	1000000	13.3	29.1	159.4	1429.7			12.5	14.4	31.3	165.8			94%	50%	20%	12%		

					10000000	13.3	27.5	173.0	1551.2	13720.2		12.6	14.9	30.9	183.8	1640.9		95%	54%	18%	12%	12%	
					50000000	14.9	29.1	168.6	1567.8	15185.8	115858.4	13.6	18.2	32.2	188.8	1661.9	11906.1	91%	63%	19%	12%	11%	10%
			100	1	1000000	28.0	168.8	1403.4	3890.4			16.4	32.1	169.5	825.1			59%	19%	12%	21%		
					10000000	27.6	170.0	1535.7	13941.0	38155.9		14.8	30.9	182.7	1496.3	7902.8		54%	18%	12%	11%	21%	
					50000000	30.9	177.8	1554.2	15089.0	118681.2	1025072	16.7	30.8	187.0	1678.3	12067.7	105569.6	54%	17%	12%	11%	10%	10%
				10	1000000	29.3	172.3	1414.1				15.2	31.3	169.7				52%	18%	12%			
					10000000	27.7	163.1	1516.6	14060.1			16.2	32.0	189.5	1574.4			59%	20%	12%	11%		
					50000000	30.6	167.1	1551.7	15100.3	119032.9		17.4	32.4	186.4	1722.1	12327.5		57%	19%	12%	11%	10%	
		sequential	5	1	1000000	12.0	13.2	13.6	18.7	53.5	378.3	12.0	12.5	15.1	20.2	53.5	392.9	100%	95%	112%	108%	100%	104%
					10000000	11.8	11.9	13.7	20.1	50.6	380.3	11.8	12.7	13.4	19.1	53.2	391.6	100%	107%	98%	95%	105%	103%
					50000000	12.1	12.7	13.8	19.2	53.8	385.5	12.1	13.0	13.4	20.1	56.6	392.6	100%	103%	97%	105%	105%	102%
				10	1000000	12.1	12.6	15.1	25.0	61.5		12.2	12.1	16.1	24.1	60.3		101%	96%	107%	96%	98%	
					10000000	12.1	12.9	15.1	24.9	60.1	391.9	12.3	12.4	15.3	26.1	61.8	402.6	102%	96%	101%	104%	103%	103%
					50000000	13.1	13.0	15.1	28.3	63.1	393.1	12.8	15.4	15.4	24.1	63.8	403.4	97%	119%	102%	85%	101%	103%
			10	1	1000000	12.1	12.3	14.2	24.8	88.9		12.2	12.6	16.0	26.1	121.0		100%	103%	113%	105%	136%	
					10000000	12.0	12.7	17.8	21.9	87.9	743.9	12.0	13.2	17.2	25.2	119.8	760.4	100%	103%	97%	115%	136%	102%
					50000000	12.9	12.9	15.0	22.2	87.9	751.1	12.2	13.0	15.8	23.5	120.0	772.1	95%	101%	105%	106%	137%	103%
				10	1000000	12.1	13.4	17.9	37.4			12.2	12.6	18.5	38.1			101%	94%	104%	102%		
					10000000	12.3	13.1	18.6	36.9	106.5		12.5	13.1	20.7	35.0	139.2		101%	99%	111%	95%	131%	
					50000000	12.9	13.9	19.0	36.0	107.3	776.8	13.0	13.1	19.7	35.7	138.0	794.7	101%	94%	104%	99%	129%	102%
			100	1	1000000	12.7	14.2	22.5	90.8			13.0	16.1	23.8	123.3			102%	114%	105%	136%		
					10000000	16.8	17.2	25.1	90.0	748.3		15.2	16.3	22.2	119.2	794.9		91%	95%	89%	132%	106%	
					50000000	13.1	15.5	25.8	121.0	764.7	9798.0	13.6	16.6	24.8	124.1	769.9	9911.9	104%	107%	96%	103%	101%	101%
				10	1000000	13.6	19.3	68.1				13.5	18.4	74.1				100%	96%	109%			
					10000000	15.1	21.0	68.8	229.9			15.6	21.1	71.9	285.9			103%	101%	105%	124%		
					50000000	14.5	19.5	75.1	263.4	951.3		14.4	18.4	73.8	272.2	978.0		100%	94%	98%	103%	103%	
	xeon	cycle	5	1	1000000	12.1	13.9	26.7	139.3	598.2	764.8	13.1	13.2	15.8	39.1	248.8	670.7	108%	95%	59%	28%	42%	88%
					10000000	12.9	15.3	25.1	144.6	1253.9	5721.8	12.5	14.0	15.0	35.9	251.7	2497.1	97%	91%	60%	25%	20%	44%
					100000000	13.0	14.6	29.6	148.2	1319.0	12411.8	13.1	13.7	17.7	39.4	231.1	2430.8	100%	94%	60%	27%	18%	20%
				10	1000000	12.9	16.2	48.2	358.0	1587.8		12.9	13.2	18.0	53.6	442.8		100%	81%	37%	15%	28%	
					10000000	12.9	15.7	45.9	355.4	3377.4	15587.2	13.2	13.7	16.8	50.2	371.6	4684.7	102%	87%	37%	14%	11%	30%
					100000000	13.2	16.1	49.4	356.7	3413.3	32941.6	12.7	13.8	20.1	51.0	341.6	3418.0	96%	86%	41%	14%	10%	10%
			10	1	1000000	12.8	14.3	29.6	167.1	876.8		13.2	13.8	17.0	53.8	388.3		103%	96%	57%	32%	44%	
					10000000	12.1	14.5	28.2	170.6	1535.1	8623.1	13.6	14.0	17.0	52.3	386.1	3899.3	113%	96%	60%	31%	25%	45%
					100000000	12.8	15.0	32.5	176.0	1605.1	15281.2	13.1	14.4	19.0	52.6	368.5	3881.9	102%	96%	59%	30%	23%	25%
				10	1000000	12.8	16.4	52.3	425.5			12.6	14.0	18.3	81.4			98%	85%	35%	19%		
					10000000	13.9	16.8	54.3	424.1	4057.1		14.1	14.5	20.9	77.1	656.2		102%	87%	38%	18%	16%	
					100000000	12.5	17.0	55.2	425.6	4104.4	39021.1	12.7	15.2	20.9	78.3	611.7	5979.8	102%	89%	38%	18%	15%	15%
			100	1	1000000	13.1	17.5	61.9	510.8			13.3	16.1	40.5	300.3			101%	92%	65%	59%		
					10000000	13.1	18.3	60.7	503.2	5145.5		13.9	16.2	41.7	293.2	3057.4		106%	89%	69%	58%	59%	
					100000000	13.0	18.3	64.7	507.8	5198.6	52722.2	13.2	16.7	41.5	297.7	3022.2	30846.8	101%	91%	64%	59%	58%	59%
				10	1000000	13.6	22.9	98.2				13.7	18.9	67.1				101%	82%	68%			
					10000000	14.3	24.1	98.7	1048.9			14.5	21.1	68.4	566.1			102%	88%	69%	54%		
					100000000	14.4	23.1	102.5	1071.5	10043.7		14.7	20.8	72.3	556.5	5123.1		102%	90%	71%	52%	51%	
		random	5	1	1000000	13.4	18.4	66.3	528.2	870.8	793.1	12.7	14.4	18.1	70.5	460.2	771.6	95%	78%	27%	13%	53%	97%
					10000000	12.6	17.6	67.4	561.3	5159.8	7473.4	12.7	13.1	20.7	71.0	604.3	4689.6	101%	75%	31%	13%	12%	63%
					100000000	14.4	20.1	71.5	571.3	5404.9	50435.1	14.6	15.2	21.8	69.8	530.6	5464.7	101%	76%	30%	12%	10%	11%
				10	1000000	13.6	18.1	68.8	523.5	887.7		12.4	14.1	18.8	72.0	468.3		91%	78%	27%	14%	53%	
					10000000	12.9	17.9	68.6	556.0	5140.9	7512.0	13.4	13.5	18.6	69.3	598.5	4726.6	103%	76%	27%	12%	12%	63%
					100000000	13.2	20.7	71.4	577.5	5417.9	50645.2	13.4	14.7	21.2	69.6	524.8	5391.4	101%	71%	30%	12%	10%	11%
			10	1	1000000	12.8	23.6	118.2	978.7	967.7		12.6	14.2	24.3	122.2	714.5		98%	60%	21%	12%	74%	
					10000000	13.9	24.3	125.4	1097.8	9740.8	9337.0	13.4	15.1	27.1	120.8	1159.0	7681.0	97%	62%	22%	11%	12%	82%
					100000000	14.2	28.1	121.9	1111.3	10756.9	95406.8	13.1	16.3	28.1	121.8	1032.1	10439.2	92%	58%	23%	11%	10%	11%
				10	1000000	13.1	23.9	123.0	986.9			13.3	14.2	27.4	121.8			102%	59%	22%	12%		
					10000000	13.3	24.2	124.3	1099.2	9755.2		13.0	14.5	25.3	127.9	1144.1		97%	60%	20%	12%	12%	
					100000000	15.2	27.3	126.0	1112.1	10725.0	95883.1	14.0	17.0	26.9	126.4	1042.2	10473.3	92%	62%	21%	11%	10%	11%
			100	1	1000000	25.1	122.2	988.3	2566.5			14.1	26.2	112.2	580.4			56%	21%	11%	23%		
					10000000	25.0	123.5	1083.6	9807.2	26834.9		14.2	26.0	122.7	996.8	6595.2		57%	21%	11%	10%	25%	
					100000000	26.3	128.2	1113.5	10753.3	96796.7	268325.6	16.8	27.5	122.8	1051.6	8119.9	70314.0	64%	21%	11%	10%	8%	26%

						10	1000000	22.6	120.8	992.0				14.4	25.2	111.2				64%	21%	11%			
							10000000	24.2	126.1	1083.6	9851.0			15.1	26.3	125.7	1016.9			63%	21%	12%	10%		
							100000000	27.4	124.0	1111.6	10726.6	96801.7		16.9	27.1	124.6	1050.9	8004.4		62%	22%	11%	10%	8%	
				sequential	5	1	1000000	13.1	13.3	14.2	18.1	56.0	476.0	12.0	13.3	13.8	19.6	60.1	423.5	91%	100%	97%	109%	107%	89%
							10000000	12.6	12.8	14.1	17.9	55.3	417.9	12.6	13.2	13.2	18.8	56.0	505.7	99%	103%	93%	105%	101%	121%
							100000000	13.5	12.8	14.7	18.7	56.5	523.6	12.9	13.5	13.7	19.0	58.1	532.9	96%	106%	93%	102%	103%	102%
						10	1000000	12.4	14.4	15.9	22.4	62.4		12.4	13.5	15.4	23.1	64.6		100%	94%	97%	103%	104%	
							10000000	12.7	14.1	14.3	21.3	61.0	425.2	12.5	13.7	15.2	21.4	63.2	433.4	98%	97%	106%	100%	104%	102%
							100000000	13.3	15.0	15.9	22.0	62.9	538.1	13.3	14.3	15.0	22.0	63.0	551.9	100%	95%	94%	100%	100%	103%
					10	1	1000000	11.7	13.6	14.1	23.4	97.4		11.8	13.6	13.8	24.0	98.6		100%	101%	98%	102%	101%	
							10000000	12.6	13.0	14.0	21.8	95.4	943.3	13.3	13.9	14.8	22.1	98.4	831.2	106%	107%	106%	102%	103%	88%
							100000000	13.1	13.8	14.3	24.0	95.9	994.3	13.3	14.5	14.3	24.6	99.4	1078.4	102%	105%	100%	102%	104%	108%
						10	1000000	12.3	14.1	17.6	31.8			12.9	13.8	16.4	31.4			105%	98%	93%	99%		
							10000000	13.1	14.5	18.3	29.6	105.8		13.6	14.7	17.2	30.1	112.1		104%	102%	94%	102%	106%	
							100000000	12.2	14.7	17.1	31.9	109.3	1047.6	13.4	14.1	17.1	33.0	109.6	842.0	109%	96%	100%	103%	100%	80%
					100	1	1000000	12.4	15.8	23.1	96.1			12.8	15.2	22.5	99.6			103%	96%	97%	104%		
							10000000	13.6	15.9	22.4	95.9	1055.8		13.5	15.0	23.7	98.2	893.0		99%	94%	106%	102%	85%	
							100000000	14.3	14.6	24.1	96.2	1030.6	9623.3	13.2	16.1	23.7	100.8	994.2	9721.1	92%	110%	98%	105%	96%	101%
						10	1000000	13.5	18.7	53.7				14.0	18.8	48.6				104%	101%	90%			
							10000000	14.4	18.8	53.6	190.8			14.5	17.4	48.8	191.4			101%	93%	91%	100%		
							100000000	15.3	18.5	54.9	187.5	1122.4		15.2	18.6	49.7	191.6	1074.2		99%	101%	90%	102%	96%	
	seqscan	master	i5	cycle	5	1	1000000	342.4	354.3	360.6	393.7	393.3	512.6	353.6	368.3	348.6	442.1	399.3	450.0	103%	104%	97%	112%	102%	88%
							10000000	3184.1	3851.7	3193.2	3126.6	3183.9	3579.9	3153.9	3378.1	3218.1	3160.7	3221.7	3320.7	99%	88%	101%	101%	101%	93%
							50000000	15435.0	15538.7	16011.9	15444.2	15497.7	16186.9	15448.9	15476.1	15500.0	15969.8	15443.7	15764.0	100%	100%	97%	103%	100%	97%
						10	1000000	355.0	394.9	381.5	392.2	374.8		369.0	381.6	352.2	362.9	377.3		104%	97%	92%	93%	101%	
							10000000	3120.6	3423.6	3206.6	3133.0	3226.3	3529.1	3145.0	3431.9	3195.9	3140.8	3182.1	3312.4	101%	100%	100%	100%	99%	94%
							50000000	15368.6	16775.4	16237.7	16639.2	15425.1	15719.7	15672.2	15752.6	15507.1	15410.8	15475.8	16020.6	102%	94%	96%	93%	100%	102%
					10	1	1000000	348.8	335.4	360.0	382.4	388.0		358.0	350.1	348.8	354.7	380.4		103%	104%	97%	93%	98%	
							10000000	3120.6	3189.1	3114.6	3083.8	3162.0	3357.4	3108.5	3147.8	3096.6	3098.2	3482.1	3337.7	100%	99%	99%	100%	110%	99%
							50000000	16031.5	15238.8	15333.8	15278.6	16698.2	15464.1	15220.0	15193.9	15286.6	15308.6	15278.3	15742.2	95%	100%	100%	100%	91%	102%
						10	1000000	347.0	381.1	364.2	410.1			388.6	348.3	405.8	355.4			112%	91%	111%	87%		
							10000000	3141.4	3099.8	3082.6	3145.5	3158.4		3094.2	3104.2	3132.4	3108.5	3172.7		98%	100%	102%	99%	100%	
							50000000	15680.2	15152.1	15376.3	15260.6	15280.3	16381.0	15228.3	15243.8	15261.2	15291.4	15817.5	15854.0	97%	101%	99%	100%	104%	97%
					100	1	1000000	397.5	340.2	391.6	424.2			371.3	357.9	361.6	395.4			93%	105%	92%	93%		
							10000000	3156.7	3119.9	3089.6	3199.7	3303.5		3092.0	3547.2	3074.4	3114.8	3338.8		98%	114%	100%	97%	101%	
							50000000	15289.6	15287.7	15299.8	16319.7	15509.6	21978.8	15229.6	16610.6	15288.3	15351.6	15834.2	18210.1	100%	109%	100%	94%	102%	83%
						10	1000000	380.4	380.4	396.3				384.9	391.4	380.1				101%	103%	96%			
							10000000	3144.1	3343.9	3088.2	3220.7			3126.2	3786.6	3050.6	3187.6			99%	113%	99%	99%		
							50000000	15381.5	15311.6	16426.7	16131.1	15426.6		15382.3	15340.9	15267.5	15336.5	15545.4		100%	100%	93%	95%	101%	
				random	5	1	1000000	388.8	381.0	409.4	423.7	352.2	482.9	375.9	366.7	357.0	433.6	369.3	489.5	97%	96%	87%	102%	105%	101%
							10000000	3222.5	3192.6	3120.7	4944.8	3382.8	3319.9	3156.9	3187.5	3195.1	4462.1	3219.8	3491.7	98%	100%	102%	90%	95%	105%
							50000000	16153.9	15507.7	16392.4	16435.1	15955.1	17612.3	15378.4	15458.5	15690.2	15473.9	15502.5	15744.3	95%	100%	96%	94%	97%	89%
						10	1000000	385.2	345.1	369.0	387.9	384.9		386.4	366.6	371.1	398.7	393.0		100%	106%	101%	103%	102%	
							10000000	3178.8	3191.2	3167.5	3920.1	3205.0	3341.1	3146.5	3196.0	3201.0	3838.1	3638.2	3266.1	99%	100%	101%	98%	114%	98%
							50000000	15388.2	16589.8	15388.6	15371.0	16506.2	15748.5	15370.1	16181.6	15445.1	15403.3	15530.3	15770.9	100%	98%	100%	100%	94%	100%
					10	1	1000000	410.7	336.6	382.9	434.1	425.0		364.8	405.1	383.0	358.5	395.6		89%	120%	100%	83%	93%	
							10000000	3135.6	3156.8	3136.9	3377.8	3143.6	4248.4	3158.6	3198.3	3158.0	3128.8	3158.5	3382.8	101%	101%	101%	93%	100%	80%
							50000000	15288.9	15286.6	15312.4	15288.1	15283.2	15891.1	15200.0	15226.9	15329.0	15340.7	15367.6	16566.8	99%	100%	100%	100%	101%	104%
						10	1000000	349.8	361.7	353.3	414.3			358.8	382.2	376.9	364.4			103%	106%	107%	88%		
							10000000	3150.2	3158.3	3125.5	3176.0	3629.2		3127.4	3145.1	3127.3	3156.5	3130.2		99%	100%	100%	99%	86%	
							50000000	15268.9	15323.0	15257.4	15657.7	15327.2	16903.5	15308.2	15317.0	15270.9	15223.2	15277.6	15564.2	100%	100%	100%	97%	100%	92%
					100	1	1000000	382.7	405.7	403.9	445.7			398.1	371.2	379.4	407.6			104%	92%	94%	91%		
							10000000	3138.8	3158.1	3179.0	3241.4	3313.7		3087.4	3174.7	3181.6	3108.0	3350.3		98%	101%	100%	96%	101%	
							50000000	15340.9	15415.2	15298.8	15406.5	16007.9	18337.5	15415.4	16344.9	17238.7	15433.7	15643.7	21776.8	100%	106%	113%	100%	98%	119%
						10	1000000	377.4	420.0	367.0				392.5	406.9	362.8				104%	97%	99%			
							10000000	3126.7	3133.0	3152.5	3101.3			3116.8	3191.9	3194.4	3145.8			100%	102%	101%	101%		
							50000000	15290.1	15356.9	15356.4	15397.2	15897.9		16591.3	15753.9	15289.4	16167.7	16075.4		109%	103%	100%	105%	101%	
				sequential	5	1	1000000	374.7	409.1	372.4	335.9	387.2	458.2	350.6	345.7	412.0	390.1	383.9	527.7	94%	85%	111%	116%	99%	115%
							10000000	3204.6	3227.2	3771.9	3227.1	3547.4	3360.6	3180.6	3152.7	3441.7	3217.0	3506.5	3343.6	99%	98%	91%	100%	99%	99%

					50000000	15478.1	15450.7	15871.8	15493.7	15564.0	15604.8	15546.2	15464.3	15473.2	15462.0	15475.0	15591.1	100%	100%	97%	100%	99%	100%
			10		1000000	342.1	369.4	364.8	359.2	434.6		332.4	343.8	347.8	369.8	393.4		97%	93%	95%	103%	91%	
					10000000	3165.1	3218.9	3489.6	3191.6	3802.5	3537.8	3695.9	3172.4	3375.0	3142.7	4235.5	3516.9	117%	99%	97%	98%	111%	99%
					50000000	15394.5	16228.8	15433.9	15370.5	15475.1	15794.1	15362.5	16889.0	15488.6	15401.2	15477.7	16186.8	100%	104%	100%	100%	100%	102%
			10	1	1000000	331.4	329.1	400.5	363.6	420.6		393.9	341.1	435.9	379.5	420.6		119%	104%	109%	104%	100%	
					10000000	3458.5	3110.2	3126.5	3100.7	3672.0	3593.2	3555.1	3123.9	3165.0	3080.1	3456.4	3329.9	103%	100%	101%	99%	94%	93%
					50000000	15225.3	15122.3	15292.6	15140.8	15264.0	15479.4	15274.0	15137.5	15236.4	15202.3	15233.3	15959.9	100%	100%	100%	100%	100%	103%
			10		1000000	375.5	362.7	359.6	374.5			330.8	351.4	343.5	348.2			88%	97%	96%	93%		
					10000000	3754.6	3117.0	3127.1	3054.1	3449.2		3628.0	3123.6	3138.1	3060.3	3396.4		97%	100%	100%	100%	98%	
					50000000	15153.2	15190.5	15247.5	15183.5	15178.9	15442.8	15218.9	15169.5	15255.6	15281.9	15295.5	15520.2	100%	100%	100%	101%	101%	101%
			100	1	1000000	358.2	326.7	366.0	453.8			382.7	345.6	378.8	439.7			107%	106%	103%	97%		
					10000000	3405.6	3120.5	3175.2	3149.5	3351.4		3392.8	3114.4	3140.2	3137.2	3348.5		100%	100%	99%	100%	100%	
					50000000	16643.8	15198.7	15127.8	16121.7	15479.3	18372.1	15345.5	15209.0	15184.3	15209.1	15427.6	18370.7	92%	100%	100%	94%	100%	100%
			10		1000000	341.7	331.4	384.6				355.4	350.3	401.1				104%	106%	104%			
					10000000	3203.4	3139.7	3095.3	3147.5			3081.0	3104.8	3162.7	3153.6			96%	99%	102%	100%		
					50000000	16502.4	16604.2	15152.2	15360.6	15457.7		17366.3	15324.6	15179.7	15400.4	15834.3		105%	92%	100%	100%	102%	
xeon	cycle	5		1	1000000	262.4	265.6	262.6	266.1	277.7	387.2	262.9	260.3	261.2	234.8	278.0	450.4	100%	98%	99%	88%	100%	116%
					10000000	2280.7	2315.8	2288.8	2327.1	2211.8	2525.4	2279.2	2316.6	2308.5	2334.2	2189.0	2514.7	100%	100%	101%	100%	99%	100%
					100000000	22701.7	22486.8	22640.9	22610.2	22647.6	22655.5	22732.9	22450.3	22619.4	22535.0	22669.0	22623.0	100%	100%	100%	100%	100%	100%
			10		1000000	261.1	262.5	262.0	234.4	276.8		263.7	261.9	263.4	234.1	274.9		101%	100%	101%	100%	99%	
					10000000	2323.8	2327.6	2279.5	2322.9	2292.7	2524.3	2303.3	2319.7	2328.5	2317.5	2244.9	2486.4	99%	100%	102%	100%	98%	98%
					100000000	22537.2	22454.4	22511.6	22711.4	22524.6	22643.7	22742.0	22638.7	22589.1	22675.7	22677.4	22668.3	101%	101%	100%	100%	101%	100%
			10	1	1000000	257.7	259.3	256.8	243.3	287.0		254.8	258.6	257.6	230.7	288.0		99%	100%	100%	95%	100%	
					10000000	2294.2	2320.0	2318.9	2325.1	2347.7	2737.5	2322.5	2322.6	2321.5	2311.1	2205.8	2740.3	101%	100%	100%	99%	94%	100%
					100000000	22765.3	22581.3	22687.3	22768.9	22679.8	23076.2	22669.9	22530.2	22677.9	22669.5	22675.9	23184.1	100%	100%	100%	100%	100%	100%
			10		1000000	258.7	259.8	257.1	231.9			257.1	257.1	258.1	223.9			99%	99%	100%	97%		
					10000000	2164.9	2298.5	2293.4	2301.3	2303.1		2340.9	2307.6	2285.8	2299.5	2355.9		108%	100%	100%	100%	102%	
					100000000	22577.5	22468.4	22723.8	22726.8	22726.4	23121.5	22739.0	22570.9	22727.3	22683.4	22656.2	22610.9	101%	100%	100%	100%	100%	98%
			100	1	1000000	264.3	261.3	267.0	266.5			260.9	260.3	264.7	263.9			99%	100%	99%	99%		
					10000000	2253.1	2325.2	2323.2	2351.8	2824.1		2223.2	2318.5	2338.8	2356.6	2710.8		99%	100%	101%	100%	96%	
					100000000	22673.4	22679.3	22681.3	22783.0	23041.3	27437.0	22700.4	22648.8	22630.6	22811.1	22995.6	27724.9	100%	100%	100%	100%	100%	101%
			10		1000000	263.2	263.2	264.4				259.8	263.3	261.3				99%	100%	99%			
					10000000	2253.0	2327.6	2290.5	2358.6			2184.7	2326.6	2330.7	2376.5			97%	100%	102%	101%		
					100000000	22557.0	22399.4	22582.3	22711.5	23017.8		22596.8	22607.1	22583.8	22747.7	22997.8		100%	101%	100%	100%	100%	
	random	5		1	1000000	263.8	261.7	268.5	265.5	277.6	473.5	263.2	266.4	267.2	264.8	270.5	465.4	100%	102%	100%	100%	97%	98%
					10000000	2292.0	2339.0	2284.2	2275.7	2362.3	2532.0	2333.0	2337.7	2327.6	2289.8	2341.4	2505.6	102%	100%	102%	101%	99%	99%
					100000000	22804.6	22506.0	22858.9	22375.1	22609.9	22710.6	22666.8	22467.4	23003.1	22401.6	22577.0	22813.5	99%	100%	101%	100%	100%	100%
			10		1000000	260.7	262.9	265.2	281.4	278.6		264.7	264.6	267.0	264.5	278.0		102%	101%	101%	94%	100%	
					10000000	2275.9	2324.4	2198.8	2277.2	2362.8	2509.6	2286.2	2350.6	2196.0	2250.0	2298.0	2517.8	100%	101%	100%	99%	97%	100%
					100000000	22689.4	22606.6	22841.0	22321.2	22408.9	22823.1	22602.4	22492.5	23004.9	22434.5	22585.2	22804.8	100%	99%	101%	101%	101%	100%
			10	1	1000000	260.9	258.6	264.4	257.6	292.0		257.0	255.4	261.7	260.7	288.3		98%	99%	99%	101%	99%	
					10000000	2171.0	2320.9	2314.8	2330.4	2222.4	2700.4	2243.0	2316.7	2308.2	2323.7	2178.3	2510.8	103%	100%	100%	100%	98%	93%
					100000000	22660.3	22631.2	22876.0	22733.2	22706.4	22958.0	22691.3	22599.1	22944.3	22646.0	22725.0	23089.5	100%	100%	100%	100%	100%	101%
			10		1000000	256.7	259.3	259.0	216.5			257.1	256.0	259.8	213.5			100%	99%	100%	99%		
					10000000	2317.3	2311.6	2300.6	2315.3	2316.4		2209.3	2327.1	2319.8	2308.7	2233.0		95%	101%	101%	100%	96%	
					100000000	22708.5	22549.9	23077.1	22648.1	22724.1	23023.2	22660.7	22364.3	22891.0	22609.4	22708.1	23068.9	100%	99%	99%	100%	100%	100%
			100	1	1000000	259.9	261.2	263.6	288.7			260.4	260.5	261.0	291.7			100%	100%	99%	101%		
					10000000	2295.5	2342.2	2171.2	2310.4	2796.4		2333.6	2337.2	2306.2	2319.2	2840.3		102%	100%	106%	100%	102%	
					100000000	22689.9	22459.4	23049.9	22465.6	22901.3	27235.1	22627.9	22586.5	22899.0	22553.1	23146.8	28619.0	100%	101%	99%	100%	101%	105%
			10		1000000	263.8	261.5	258.7				261.2	264.5	264.4				99%	101%	102%			
					10000000	2273.6	2340.9	2279.9	2287.2			2322.6	2329.0	2297.3	2353.3			102%	99%	101%	103%		
					100000000	22645.3	22619.6	23013.3	22353.8	23015.0		22711.9	22511.2	23020.1	22361.2	22912.7		100%	100%	100%	100%	100%	
	sequential	5		1	1000000	262.6	264.9	263.1	265.1	249.4	498.3	261.2	261.5	260.9	264.1	247.3	529.3	99%	99%	99%	100%	99%	106%
					10000000	2337.0	2205.0	2293.7	2353.1	2316.6	2611.8	2324.7	2294.3	2312.5	2324.3	2350.6	2488.6	99%	104%	101%	99%	101%	95%
					100000000	22600.0	22632.7	22950.2	22711.3	22482.5	23000.0	22522.2	22696.5	23109.7	22544.7	22594.1	22983.9	100%	100%	101%	99%	100%	100%
			10		1000000	262.6	263.9	262.5	267.4	280.4		264.6	264.8	261.0	264.2	281.5		101%	100%	99%	99%	100%	
					10000000	2193.4	2308.3	2288.3	2266.3	2309.9	2537.4	2296.0	2288.5	2289.0	2312.1	2337.3	2423.9	105%	99%	100%	102%	101%	96%
					100000000	22709.9	22631.8	23064.9	22692.6	22592.9	22856.2	22775.2	22727.8	23006.4	22531.8	22527.4	22983.6	100%	100%	100%	99%	100%	101%
			10	1	1000000	257.6	252.1	247.4	252.9	243.8		260.4	253.3	249.4	252.8	243.4		101%	100%	101%	100%	100%	

						10000000	2324.6	2239.1	2306.6	2254.3	2275.7	2610.1	2297.0	2278.8	2248.9	2182.7	2239.4	2550.4	99%	102%	97%	97%	98%	98%
						100000000	22698.2	22238.2	22493.5	22051.3	22069.0	22517.0	22636.6	22214.0	22874.0	22053.1	22280.6	22747.3	100%	100%	102%	100%	101%	101%
					10	1000000	261.1	252.7	248.1	254.1			260.5	252.3	249.4	254.0			100%	100%	101%	100%		
						10000000	2327.6	2251.8	2253.0	2252.9	2273.0		2269.1	2258.6	2244.6	2248.5	2236.7		97%	100%	100%	100%	98%	
						100000000	22604.5	22336.7	22486.3	22066.4	22196.6	22401.2	22610.8	22201.1	22468.6	22028.9	22166.6	22797.2	100%	99%	100%	100%	100%	102%
				100	1	1000000	265.1	256.2	256.1	282.1			260.8	257.6	255.8	284.1			98%	101%	100%	101%		
						10000000	2330.7	2327.4	2271.2	2326.3	2840.6		2314.6	2265.5	2286.2	2298.1	2613.3		99%	97%	101%	99%	92%	
						100000000	22644.4	22450.9	22894.6	22446.1	22791.9	28366.4	22671.9	22451.0	22585.6	22389.2	22897.3	28686.6	100%	100%	99%	100%	100%	101%
					10	1000000	263.3	256.5	254.0				259.9	251.9	257.8				99%	98%	102%			
						10000000	2307.8	2324.0	2286.9	2293.6			2290.6	2298.6	2266.0	2308.1			99%	99%	99%	101%		
						100000000	22737.4	22455.6	23059.2	22301.6	22487.8		22620.0	22628.3	22703.0	22346.6	22290.9		99%	101%	98%	100%	99%	
	patched	i5	cycle	5	1	1000000	369.1	382.7	374.6	373.1	364.6	492.6	351.8	363.1	368.4	328.3	353.6	453.8	95%	95%	98%	88%	97%	92%
						10000000	3146.9	3703.0	3162.3	3139.3	3127.8	3257.5	3148.4	3451.2	3153.0	3681.0	3442.7	3262.9	100%	93%	100%	117%	110%	100%
						50000000	15448.3	15466.6	15295.5	15428.4	15414.6	15816.5	15393.6	15488.1	15334.8	15378.0	15469.1	15673.9	100%	100%	100%	100%	100%	99%
					10	1000000	352.3	362.7	343.4	323.3	384.8		401.4	368.2	351.3	326.1	372.7		114%	102%	102%	101%	97%	
						10000000	3143.0	3425.4	3130.5	3740.1	3129.5	3295.8	3151.2	3476.5	3167.0	4161.9	3183.8	3265.8	100%	101%	101%	111%	102%	99%
						50000000	16743.6	15472.4	15323.8	15364.5	15398.5	15780.2	15433.0	15390.8	15394.9	15348.3	15417.1	15699.5	92%	99%	100%	100%	100%	99%
				10	1	1000000	352.6	361.1	336.1	329.8	417.6		373.0	354.8	344.7	325.9	384.2		106%	98%	103%	99%	92%	
						10000000	3136.5	3113.6	3215.4	3572.8	3133.4	3339.0	3120.8	3083.4	3545.0	3159.1	3135.3	3361.9	99%	99%	110%	88%	100%	101%
						50000000	15369.6	15357.9	16310.3	15795.7	15355.9	15551.1	15270.4	15389.0	15385.9	15664.1	16074.3	15920.7	99%	100%	94%	99%	105%	102%
					10	1000000	346.3	379.8	346.1	332.3			369.5	381.8	340.0	337.5			107%	101%	98%	102%		
						10000000	3150.2	3054.0	3707.5	3102.3	3169.0		3121.8	3108.0	3665.1	3138.4	3170.4		99%	102%	99%	101%	100%	
						50000000	15246.7	15357.3	15345.6	15351.6	15426.4	15613.6	15194.5	16671.8	16118.5	15340.3	15398.5	16605.7	100%	109%	105%	100%	100%	106%
				100	1	1000000	372.4	378.9	337.5	386.7			384.7	382.8	334.7	352.1			103%	101%	99%	91%		
						10000000	3174.6	3116.9	3072.9	3142.9	3365.7		3159.1	3123.3	3101.4	3132.9	3326.9		100%	100%	101%	100%	99%	
						50000000	15478.2	15297.6	15457.1	15344.9	15623.7	21534.6	15643.2	15350.8	15374.1	15390.0	17143.4	18141.1	101%	100%	99%	100%	110%	84%
					10	1000000	334.6	396.9	321.2				349.5	366.8	359.6				104%	92%	112%			
						10000000	3162.1	3107.0	3429.7	3185.6			3098.5	3085.8	3268.5	3126.9			98%	99%	95%	98%		
						50000000	15298.6	15217.4	15299.2	15392.8	15733.2		15751.5	15284.8	15263.5	15471.0	15591.7		103%	100%	100%	101%	99%	
			random	5	1	1000000	378.8	416.7	351.2	327.5	361.1	493.6	375.7	408.9	335.1	328.3	367.8	500.7	99%	98%	95%	100%	102%	101%
						10000000	3119.4	3181.4	3191.6	3122.9	3133.2	3267.7	3141.8	3102.9	3462.6	3080.6	3164.8	3250.1	101%	98%	108%	99%	101%	99%
						50000000	15432.5	15389.8	15435.1	15469.6	15625.2	15763.3	15443.0	15541.8	15459.0	15463.1	15505.4	15600.5	100%	101%	100%	100%	99%	99%
					10	1000000	348.1	403.7	338.0	324.0	344.1		374.3	392.2	364.0	334.3	356.5		108%	97%	108%	103%	104%	
						10000000	3085.6	3069.6	3155.1	3196.8	3204.8	3313.1	3136.9	3107.7	3453.8	3401.9	3235.7	3507.3	102%	101%	109%	106%	101%	106%
						50000000	15389.8	15475.3	16504.6	15486.2	15430.6	15663.1	15408.8	15433.2	15355.6	15423.3	15482.9	15720.8	100%	100%	93%	100%	100%	100%
				10	1	1000000	385.1	377.0	332.1	331.5	377.5		368.7	362.5	345.3	327.1	362.3		96%	96%	104%	99%	96%	
						10000000	3109.7	3539.1	3155.1	3105.0	3203.9	3347.1	3081.8	3151.6	3516.0	3096.1	3214.4	3636.7	99%	89%	111%	100%	100%	109%
						50000000	15217.7	15335.1	15248.4	16573.3	15466.6	16035.5	15772.0	15370.3	15606.8	15307.5	16550.8	16010.8	104%	100%	102%	92%	107%	100%
					10	1000000	372.8	356.3	333.2	327.5			393.4	366.0	327.3	327.5			106%	103%	98%	100%		
						10000000	3556.4	3447.8	3366.0	3132.1	3157.0		3721.6	3096.8	3168.2	3094.7	3421.7		105%	90%	94%	99%	108%	
						50000000	15279.4	15315.2	15285.1	15377.5	15357.4	15943.7	15257.5	16245.1	15275.8	15305.1	16217.0	16010.3	100%	106%	100%	100%	106%	100%
				100	1	1000000	388.3	364.1	334.2	355.6			361.1	365.0	331.7	346.5			93%	100%	99%	97%		
						10000000	3760.5	3101.3	3154.7	3149.6	3423.0		3392.3	3325.9	3130.4	3158.4	3360.8		90%	107%	99%	100%	98%	
						50000000	15546.1	15316.9	15376.5	15316.3	16543.2	18216.0	15269.4	15329.3	15399.8	17005.7	17104.6	22039.3	98%	100%	100%	111%	103%	121%
					10	1000000	340.8	349.2	324.6				336.7	364.9	323.6				99%	104%	100%			
						10000000	3333.3	3031.0	3143.1	3079.4			3151.5	3155.6	3083.0	3119.1			95%	104%	98%	101%		
						50000000	15286.7	15305.3	15284.1	15428.8	15972.4		15302.4	15364.6	15437.8	16530.9	15694.9		100%	100%	101%	107%	98%	
			sequential	5	1	1000000	347.1	379.9	358.9	396.5	402.1	489.5	341.0	357.9	373.7	390.0	412.8	483.9	98%	94%	104%	98%	103%	99%
						10000000	3141.0	3112.1	3141.7	3145.1	3190.8	3233.9	3058.3	3092.6	3183.4	3164.2	3143.2	3259.7	97%	99%	101%	101%	99%	101%
						50000000	15433.0	16029.0	15559.8	15448.1	15322.1	15587.9	15427.8	15407.7	15442.4	15423.3	15466.7	15733.3	100%	96%	99%	100%	101%	101%
					10	1000000	333.9	352.7	335.1	361.9	360.1		333.2	352.6	346.5	367.9	384.8		100%	100%	103%	102%	107%	
						10000000	3095.0	3134.1	3178.3	3167.4	3146.0	3271.3	3136.6	3114.8	3092.2	3126.1	3199.7	3239.1	101%	99%	97%	99%	102%	99%
						50000000	15525.7	15384.5	15431.3	15396.5	16050.0	15530.9	15444.0	15386.2	16022.0	15849.2	15430.5	15722.6	99%	100%	104%	103%	96%	101%
				10	1	1000000	334.3	362.0	408.5	354.0	383.7		350.0	348.0	347.7	377.6	382.4		105%	96%	85%	107%	100%	
						10000000	3115.1	3045.0	3085.2	3110.4	3131.2	3340.6	3070.8	3054.4	3018.0	3077.1	3203.9	3328.3	99%	100%	98%	99%	102%	100%
						50000000	15254.7	15217.0	15304.3	15225.7	15313.8	15700.4	15930.4	15202.0	15293.4	15224.0	15354.1	15674.1	104%	100%	100%	100%	100%	100%
					10	1000000	334.8	355.9	343.7	394.8			337.0	346.1	335.5	369.6			101%	97%	98%	94%		
						10000000	3028.3	3080.9	3065.1	3145.2	3166.7		3022.7	3092.8	3066.5	3534.7	3150.4		100%	100%	100%	112%	99%	
						50000000	15277.1	15180.1	15294.2	15236.6	15286.2	15617.4	15229.3	15863.1	15213.0	15150.2	15314.0	15808.7	100%	104%	99%	99%	100%	101%

			100	1	1000000	327.5	329.2	355.4	405.6			329.1	319.7	341.3	369.8			100%	97%	96%	91%		
					10000000	3018.5	3122.8	3063.7	3579.6	3402.7		3085.7	3083.0	3055.1	3359.7	3673.7		102%	99%	100%	94%	108%	
					50000000	15254.3	16419.7	15394.1	15218.3	15526.0	20307.0	15373.0	15221.0	15323.8	15281.2	16019.8	18476.2	101%	93%	100%	100%	103%	91%
				10	1000000	328.4	350.9	365.4				340.5	370.1	379.0				104%	105%	104%			
					10000000	3098.1	3117.6	3079.8	3229.6			3088.8	3117.6	3065.9	3211.8			100%	100%	100%	99%		
					50000000	15290.1	15185.9	15298.5	16133.6	15617.8		15228.7	15254.9	15303.7	15365.9	15480.0		100%	100%	100%	95%	99%	
	xeon	cycle	5	1	1000000	258.4	260.0	264.4	230.3	277.1	526.1	260.7	262.4	264.8	225.5	279.1	558.0	101%	101%	100%	98%	101%	106%
					10000000	2332.4	2327.8	2333.9	2332.8	2344.0	2439.7	2159.4	2332.2	2332.4	2308.8	2331.3	2515.5	93%	100%	100%	99%	99%	103%
					100000000	22699.7	22486.6	22696.1	22746.5	22642.5	22777.5	22731.5	22458.6	22479.9	22570.7	22631.2	22869.8	100%	100%	99%	99%	100%	100%
				10	1000000	261.2	262.3	262.9	230.8	277.2		267.5	264.6	264.1	228.3	279.6		102%	101%	100%	99%	101%	
					10000000	2183.3	2333.0	2333.9	2323.4	2332.4	2511.3	2230.7	2328.7	2337.8	2334.3	2154.3	2428.8	102%	100%	100%	100%	92%	97%
					100000000	22710.1	22607.8	22747.0	22806.9	22728.9	22510.5	22739.0	22511.0	22602.3	22746.0	22642.1	22680.0	100%	100%	99%	100%	100%	101%
			10	1	1000000	256.5	257.6	260.8	228.9	287.1		260.8	258.1	257.3	233.2	286.8		102%	100%	99%	102%	100%	
					10000000	2167.3	2303.1	2295.6	2307.9	2350.8	2783.8	2131.8	2296.2	2313.7	2299.4	2294.0	2735.0	98%	100%	101%	100%	98%	98%
					100000000	22635.3	22395.0	22655.0	22736.3	22682.4	23011.0	22631.7	22579.8	22589.7	22590.6	22628.3	22911.5	100%	101%	100%	99%	100%	100%
				10	1000000	257.4	259.9	259.8	231.4			255.9	258.5	255.0	225.7			99%	99%	98%	98%		
					10000000	2173.0	2303.4	2321.0	2318.0	2354.6		2213.8	2286.7	2316.0	2312.0	2340.1		102%	99%	100%	100%	99%	
					100000000	22527.0	22484.3	22649.8	22758.7	22737.7	22936.4	22587.4	22630.6	22656.8	22665.2	22651.6	23075.5	100%	101%	100%	100%	100%	101%
			100	1	1000000	260.5	263.4	262.4	263.6			264.7	262.9	262.5	262.3			102%	100%	100%	100%		
					10000000	2202.5	2336.4	2311.0	2349.4	2811.8		2227.1	2329.2	2349.1	2358.3	2651.2		101%	100%	102%	100%	94%	
					100000000	22670.3	22473.2	22637.6	22719.8	23165.6	27891.8	22704.4	22647.2	22647.3	22743.1	23014.4	27874.7	100%	101%	100%	100%	99%	100%
				10	1000000	258.0	262.3	263.4				259.5	261.9	217.2				101%	100%	82%			
					10000000	2345.2	2320.2	2323.9	2384.8			2185.0	2317.0	2339.8	2362.9			93%	100%	101%	99%		
					100000000	22609.7	22621.5	22689.7	22877.4	22916.0		22719.4	22434.8	22639.7	22774.6	23121.8		100%	99%	100%	100%	101%	
		random	5	1	1000000	260.1	264.7	260.5	262.5	277.4	564.5	263.5	260.7	263.3	261.1	279.0	456.5	101%	98%	101%	99%	101%	81%
					10000000	2328.8	2310.9	2316.5	2272.1	2320.8	2587.2	2291.9	2339.1	2304.1	2336.4	2257.8	2334.3	98%	101%	99%	103%	97%	90%
					100000000	22629.7	22390.1	23062.6	22523.6	22488.9	22699.2	22621.5	22544.9	23082.6	22459.2	22607.5	22810.2	100%	101%	100%	100%	101%	100%
				10	1000000	257.6	261.7	264.3	262.2	279.7		261.0	263.2	263.2	263.1	276.2		101%	101%	100%	100%	99%	
					10000000	2308.5	2329.1	2217.9	2330.2	2279.6	2587.9	2332.5	2339.2	2312.1	2305.0	2300.7	2529.1	101%	100%	104%	99%	101%	98%
					100000000	22793.0	22368.0	23048.6	22675.9	22577.9	22862.6	22810.4	22505.2	23098.0	22479.6	22583.9	22730.0	100%	101%	100%	99%	100%	99%
			10	1	1000000	255.9	259.5	257.5	228.9	284.9		254.7	259.7	256.1	210.4	288.5		100%	100%	99%	92%	101%	
					10000000	2339.2	2324.1	2302.4	2317.0	2269.0	2782.7	2312.0	2335.7	2290.8	2302.8	2313.8	2559.7	99%	101%	100%	99%	102%	92%
					100000000	22494.8	22624.5	22759.7	22506.6	22568.5	22909.3	22630.6	22566.3	22504.6	22714.4	22716.3	22758.1	101%	100%	99%	101%	101%	99%
				10	1000000	256.8	257.0	261.4	258.5			257.1	256.0	258.4	256.9			100%	100%	99%	99%		
					10000000	2289.7	2320.2	2277.4	2317.5	2312.3		2314.3	2331.5	2299.7	2188.8	2340.0		101%	100%	101%	94%	101%	
					100000000	22715.1	22483.7	22711.2	22596.4	22661.0	22956.7	22655.4	22531.1	22781.7	22507.1	22651.6	22995.2	100%	100%	100%	100%	100%	100%
			100	1	1000000	265.2	264.3	261.6	292.2			260.4	257.8	265.5	290.0			98%	98%	102%	99%		
					10000000	2289.4	2346.2	2279.9	2285.0	2804.4		2319.5	2332.3	2199.8	2309.8	2760.0		101%	99%	96%	101%	98%	
					100000000	22564.2	22526.4	22999.7	22481.5	23006.8	28168.8	22707.7	22672.9	22931.0	22634.6	23134.4	30268.6	101%	101%	100%	101%	101%	107%
				10	1000000	261.0	257.6	260.2				260.8	260.3	259.3				100%	101%	100%			
					10000000	2213.0	2334.5	2320.2	2347.5			2333.7	2330.2	2308.7	2328.6			105%	100%	100%	99%		
					100000000	22742.4	22664.4	23075.7	22589.7	22944.9		22797.9	22462.5	22846.1	22506.5	22923.8		100%	99%	99%	100%	100%	
		sequential	5	1	1000000	264.7	263.8	261.6	264.3	251.1	521.2	262.1	262.6	264.3	264.6	245.4	531.5	99%	100%	101%	100%	98%	102%
					10000000	2328.4	2347.6	2270.0	2344.4	2330.7	2486.1	2335.1	2277.9	2270.8	2313.0	2294.9	2552.4	100%	97%	100%	99%	98%	103%
					100000000	22675.9	22606.7	23095.4	22686.1	22504.3	22760.3	22686.0	22686.2	23065.3	22580.2	22569.2	22781.7	100%	100%	100%	100%	100%	100%
				10	1000000	257.5	261.9	261.8	265.7	260.5		259.3	262.5	263.6	262.7	276.7		101%	100%	101%	99%	106%	
					10000000	2317.5	2307.9	2324.2	2307.8	2310.6	2433.5	2315.0	2338.1	2307.7	2321.0	2334.9	2547.0	100%	101%	99%	101%	101%	105%
					100000000	22685.9	22703.2	23132.5	22653.6	22585.0	22678.7	22736.4	22720.4	23198.6	22686.2	22537.6	22991.6	100%	100%	100%	100%	100%	101%
			10	1	1000000	255.0	254.5	250.8	252.2	276.4		254.9	251.3	251.1	254.6	247.8		100%	99%	100%	101%	90%	
					10000000	2281.2	2254.0	2237.1	2256.4	2260.6	2568.1	2320.9	2236.8	2232.1	2204.5	2263.8	2618.2	102%	99%	100%	98%	100%	102%
					100000000	22566.5	22266.6	22436.9	21989.7	22024.6	22416.0	22491.7	22135.6	22288.6	22039.1	22113.8	22692.8	100%	99%	99%	100%	100%	101%
				10	1000000	256.7	251.7	249.8	253.3			254.7	249.4	247.7	251.5			99%	99%	99%	99%		
					10000000	2287.6	2241.1	2244.2	2216.9	2274.9		2320.8	2240.4	2244.3	2251.1	2256.4		101%	100%	100%	102%	99%	
					100000000	22606.6	22132.4	22178.9	22013.2	22013.9	22213.9	22620.1	22268.9	22316.3	22081.8	21949.3	22320.8	100%	101%	101%	100%	100%	100%
			100	1	1000000	263.0	254.2	253.0	284.8			258.9	257.1	256.3	283.0			98%	101%	101%	99%		
					10000000	2302.5	2307.4	2273.6	2297.6	2819.2		2256.1	2312.2	2207.7	2310.4	2594.0		98%	100%	97%	101%	92%	
					100000000	22683.1	22469.7	22472.8	22359.0	22920.1	28163.3	22592.4	22503.7	22753.4	22279.5	22436.9	28372.0	100%	100%	101%	100%	98%	101%
				10	1000000	258.5	255.9	251.4				260.5	260.2	254.6				101%	102%	101%			
					10000000	2325.3	2272.2	2291.8	2305.8			2315.0	2309.5	2307.2	2290.1			100%	102%	101%	99%		

									100000000	22681.0	22360.9	22700.5	22352.6	22449.1	22795.5	22708.7	22767.0	22226.9	22398.8	101%	102%	100%	99%	100%