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	8.0	8.1	8.6	12.8	43.5	272.7	8.1	8.2	8.6	12.0	45.5	281.6	101%	101%	99%	94%	105%	103%
								10000000	8.1	8.2	8.6	12.1	43.9	382.4	8.1	8.1	8.5	12.1	45.5	401.5	100%	99%	99%	100%	104%	105%
								50000000	8.4	8.4	8.9	12.3	55.8	390.5	8.2	8.2	8.6	12.3	45.8	403.9	98%	97%	96%	100%	82%	103%
							10	1000000	8.0	8.2	8.8	15.5	62.0		8.1	8.0	8.7	15.3	66.3		101%	99%	98%	98%	107%	
								10000000	8.2	8.1	8.8	13.8	63.0	1356.0	8.1	8.4	8.7	14.0	67.0	1478.4	99%	104%	99%	102%	106%	109%
								50000000	8.0	8.5	9.3	14.0	73.4	26975.8	8.6	8.2	8.9	14.4	79.1	1507.5	107%	97%	96%	103%	108%	6%
						10	1	1000000	7.9	8.1	9.0	14.2	68.4		8.1	8.1	9.0	14.4	70.9		101%	100%	100%	101%	104%	
								10000000	8.0	8.2	8.8	14.4	69.1	1138.3	8.1	8.3	8.8	14.5	71.1	1199.1	101%	101%	101%	101%	103%	105%
								50000000	8.1	8.5	9.4	14.6	69.5	29260.7	9.7	8.3	9.0	14.5	71.3	1209.0	119%	98%	96%	99%	103%	4%
							10	1000000	8.0	8.3	9.5	18.5			8.1	8.1	9.3	19.0			102%	97%	98%	102%		
								10000000	8.0	8.2	9.2	18.2	107.1		8.1	8.3	9.3	19.0	115.7		101%	101%	102%	104%	108%	
								50000000	8.4	8.3	9.9	18.4	108.4	36895.1	8.5	8.3	10.2	19.4	115.6	2579.9	102%	100%	104%	105%	107%	7%
						100	1	1000000	8.3	8.9	14.9	57.5			8.4	8.9	13.5	58.5			101%	101%	90%	102%		
								10000000	8.3	8.8	13.7	57.4	502.0		8.3	8.8	14.9	58.4	516.9		100%	100%	109%	102%	103%	
								50000000	8.5	10.2	13.9	58.6	508.2	39541.1	8.4	8.9	13.9	58.5	514.0	10507.1	99%	88%	100%	100%	101%	27%
							10	1000000	8.3	9.5	18.1				8.4	9.3	18.8				101%	98%	104%			
								10000000	8.4	9.4	18.2	101.9			8.4	9.3	20.9	109.9			100%	99%	115%	108%		
								50000000	8.5	9.6	18.4	102.1	7495.3		8.5	10.3	18.9	109.2	2353.9		99%	107%	103%	107%	31%	
					random	5	1	1000000	8.1	8.2	8.9	16.6	64.4	280.9	8.1	8.1	9.0	18.2	69.6	284.3	100%	99%	101%	110%	108%	101%
								10000000	8.4	8.1	9.2	16.6	82.5	1449.7	8.1	8.1	8.9	17.3	88.8	1580.0	96%	100%	97%	104%	108%	109%
								50000000	8.3	8.4	9.2	16.3	87.8	38381.6	8.2	8.2	9.4	16.9	91.2	2217.0	98%	98%	103%	103%	104%	6%
							10	1000000	8.0	8.2	9.2	16.1	64.8		8.0	8.1	9.0	19.1	69.4		101%	99%	98%	119%	107%	
								10000000	8.1	8.1	9.0	16.4	84.0	1440.1	8.1	8.4	9.1	16.8	88.5	1590.0	101%	103%	101%	102%	105%	110%
								50000000	8.2	8.6	9.1	16.2	86.3	38486.2	8.2	8.1	9.0	17.4	91.4	2205.0	100%	95%	99%	107%	106%	6%
						10	1	1000000	8.2	8.2	10.0	22.3	97.8		8.1	8.3	10.0	23.8	105.0		99%	101%	101%	107%	107%	
								10000000	8.2	8.4	9.9	23.7	153.9	1995.0	8.0	8.2	9.9	24.7	166.9	2225.1	98%	97%	100%	104%	108%	112%
								50000000	8.8	8.4	10.1	25.1	167.4	30986.2	8.2	8.4	10.1	25.4	176.5	5572.4	93%	100%	100%	101%	105%	18%
							10	1000000	8.0	8.3	10.1	22.3			8.0	8.3	10.0	23.9			99%	100%	99%	107%		
								10000000	8.4	8.2	10.1	23.5	154.0		8.1	8.3	10.0	24.7	167.0		96%	101%	99%	105%	108%	
								50000000	8.7	8.4	10.3	24.3	168.2	31149.3	8.3	8.3	10.6	25.3	178.3	7294.6	95%	98%	103%	104%	106%	23%
						100	1	1000000	8.4	10.1	22.7	98.4			8.4	10.3	24.2	105.3			100%	102%	107%	107%		
								10000000	8.7	10.2	24.3	155.9	2009.1		8.6	10.2	26.0	167.6	2224.5		99%	99%	107%	108%	111%	
								50000000	8.7	10.9	24.2	168.7	31245.9	21109.7	8.5	10.3	25.6	179.4	5889.2	38360.5	98%	95%	106%	106%	19%	182%
							10	1000000	8.5	10.2	23.7				8.4	10.5	24.1				99%	103%	102%			
								10000000	8.7	10.2	24.9	154.8			8.7	10.1	25.1	167.8			101%	99%	101%	108%		
								50000000	8.6	11.0	24.5	167.1	31299.5		8.9	10.6	26.3	180.4	7644.9		103%	97%	107%	108%	24%	
					sequential	5	1	1000000	8.1	8.1	8.3	10.6	31.8	236.4	8.1	8.1	8.4	10.7	31.9	240.2	99%	100%	101%	101%	100%	102%
								10000000	8.2	8.1	8.3	10.8	32.1	237.8	8.0	8.3	8.5	10.7	44.8	241.7	97%	103%	102%	99%	140%	102%
								50000000	8.2	8.2	8.3	10.6	32.3	242.5	8.1	8.8	8.6	10.7	42.6	243.1	99%	107%	103%	101%	132%	100%
							10	1000000	8.0	8.1	8.3	12.5	32.5		8.1	8.1	8.3	10.8	32.1		100%	100%	99%	86%	99%	
								10000000	8.2	8.2	8.4	11.4	32.0	238.0	8.1	8.3	8.4	10.6	32.2	247.1	98%	100%	100%	93%	101%	104%
								50000000	8.4	8.1	8.6	10.9	32.1	239.6	8.1	8.2	8.7	10.6	32.7	244.3	97%	101%	100%	97%	102%	102%
						10	1	1000000	8.0	8.0	8.7	13.0	54.7		8.0	8.2	8.8	12.9	55.6		100%	102%	101%	99%	102%	
								10000000	8.3	8.2	8.5	12.9	55.0	468.3	8.1	8.1	8.5	13.5	55.6	477.2	97%	99%	100%	104%	101%	102%
								50000000	8.5	8.4	9.4	13.2	55.3	470.7	8.4	8.2	9.4	13.1	56.3	477.8	98%	98%	99%	99%	102%	102%
							10	1000000	8.1	8.2	8.8	13.0			8.1	8.1	8.8	13.2			100%	99%	100%	101%		
								10000000	8.4	8.5	8.6	12.9	55.1		8.0	8.1	8.6	13.1	55.7		96%	96%	99%	102%	101%	
								50000000	8.4	8.5	8.7	13.2	55.3	469.5	8.5	8.5	9.5	13.2	56.0	491.0	100%	100%	109%	100%	101%	105%
						100	1	1000000	8.3	9.0	13.1	55.7			8.2	9.1	13.2	56.7			99%	101%	100%	102%		
								10000000	8.3	8.8	13.5	55.5	470.0		8.5	8.7	13.6	56.1	477.8		101%	100%	101%	101%	102%	
								50000000	8.5	9.9	13.4	55.7	470.4	8918.7	8.8	9.0	13.5	56.4	479.7	9311.0	103%	91%	101%	101%	102%	104%
							10	1000000	8.3	9.2	13.6				8.3	9.3	13.5				100%	101%	100%			
								10000000	8.3	9.3	13.8	55.6			8.4	9.0	14.9	56.7			101%	97%	108%	102%		
								50000000	8.5	9.3	13.7	55.8	471.6		8.8	9.9	13.9	57.0	478.9		103%	106%	101%	102%	102%	
				xeon	cycle	5	1	1000000	9.7	10.9	11.6	14.1	53.2	335.1	9.1	10.6	11.3	13.9	54.7	333.8	94%	98%	98%	98%	103%	100%
								10000000	9.4	10.2	11.0	13.9	54.4	521.2	9.9	9.7	10.7	14.2	53.4	456.6	105%	95%	97%	103%	98%	88%

						100000000	9.7	9.8	10.3	13.9	53.9	479.0	10.2	10.3	10.3	13.5	53.8	595.6	105%	105%	101%	97%	100%	124%
					10	1000000	9.5	10.6	11.6	15.9	74.7		9.9	10.0	11.3	16.4	81.1		104%	94%	98%	104%	109%	
						10000000	10.4	9.5	11.5	16.6	78.2	1766.3	10.6	9.6	9.9	15.7	83.0	1952.1	102%	101%	86%	94%	106%	111%
						100000000	10.1	10.8	10.9	16.3	83.7	1841.6	10.1	10.4	11.1	16.4	82.4	1964.2	100%	97%	102%	100%	99%	107%
				10	1	1000000	9.0	9.5	12.0	17.7	79.0		9.3	10.5	11.3	17.3	81.6		104%	110%	94%	97%	103%	
						10000000	10.4	9.5	10.5	17.3	85.0	1529.8	10.3	9.2	10.5	17.6	86.7	1523.4	99%	97%	100%	102%	102%	100%
						100000000	10.1	10.5	10.7	17.1	86.1	1532.2	10.4	10.1	10.5	17.5	87.1	1685.2	103%	97%	98%	103%	101%	110%
					10	1000000	9.6	10.2	10.3	22.1			9.6	10.0	11.1	22.3			99%	97%	107%	101%		
						10000000	10.3	9.7	10.7	23.4	133.2		10.3	9.7	10.7	22.1	141.6		101%	100%	100%	94%	106%	
						100000000	10.4	9.4	10.8	22.4	138.6	3112.7	9.8	10.8	11.7	22.4	143.3	3357.3	93%	115%	109%	100%	103%	108%
				100	1	1000000	9.6	10.8	15.9	68.0			10.6	11.3	15.9	69.7			110%	104%	100%	102%		
						10000000	10.4	10.7	15.7	69.6	757.4		9.5	11.2	15.4	70.9	775.8		91%	104%	98%	102%	102%	
						100000000	10.7	10.3	16.9	79.1	865.0	10568.4	10.5	10.9	16.3	70.9	736.6	10734.9	98%	106%	96%	90%	85%	102%
					10	1000000	10.7	11.4	20.9				9.8	11.7	21.5				91%	103%	103%			
						10000000	10.2	10.9	20.5	116.6			10.2	10.4	21.6	135.9			100%	95%	105%	117%		
						100000000	10.7	12.2	21.7	127.2	2932.4		10.4	10.6	22.4	136.6	3103.3		97%	87%	103%	107%	106%	
			random	5	1	1000000	9.9	11.1	10.0	19.1	80.6	402.5	10.1	9.3	10.2	19.8	85.1	354.1	101%	84%	102%	103%	106%	88%
						10000000	9.5	10.1	10.7	20.2	100.3	1853.2	9.6	10.2	10.3	19.6	107.2	2036.2	101%	101%	96%	97%	107%	110%
						100000000	10.2	9.1	10.4	20.5	108.3	2637.7	10.7	9.7	9.8	20.1	110.6	2950.7	105%	107%	94%	98%	102%	112%
					10	1000000	10.3	10.7	10.5	19.1	78.9		10.6	10.3	10.2	19.4	85.1		102%	96%	97%	101%	108%	
						10000000	9.6	10.8	10.5	20.4	99.6	1819.9	9.8	10.4	10.3	20.0	107.1	2034.6	102%	97%	99%	98%	108%	112%
						100000000	10.1	9.7	9.7	20.2	106.5	2816.8	9.9	9.9	10.4	20.1	109.8	2905.2	98%	101%	107%	99%	103%	103%
				10	1	1000000	10.3	9.6	11.3	27.2	120.6		9.9	9.7	11.1	27.1	128.0		96%	102%	99%	100%	106%	
						10000000	10.7	10.1	11.1	27.7	185.9	2683.8	10.6	10.4	11.5	27.7	190.7	2977.1	100%	103%	104%	100%	103%	111%
						100000000	10.1	10.9	12.3	29.4	198.7	5116.0	10.5	10.6	12.9	28.6	224.6	5679.9	104%	97%	105%	97%	113%	111%
					10	1000000	10.2	9.2	11.2	25.8			9.8	9.6	12.5	26.6			96%	105%	111%	103%		
						10000000	10.5	11.0	11.5	27.8	171.1		10.0	10.9	12.0	27.9	189.5		95%	98%	104%	100%	111%	
						100000000	10.8	9.8	11.9	27.9	202.5	5078.1	10.6	9.9	11.7	28.3	213.2	5532.4	98%	102%	98%	101%	105%	109%
				100	1	1000000	10.3	12.9	26.6	120.8			10.9	13.1	27.2	129.7			106%	102%	102%	107%		
						10000000	10.5	12.7	28.5	190.1	2599.3		10.2	13.0	28.7	204.5	2950.8		98%	102%	101%	108%	114%	
						100000000	9.8	12.2	27.8	188.7	5065.7	33144.9	9.7	13.0	28.2	215.7	5391.6	34789.7	99%	107%	102%	114%	106%	105%
					10	1000000	10.8	13.0	27.1				11.1	12.7	27.3				103%	98%	101%			
						10000000	10.6	13.2	27.5	188.6			10.3	12.0	28.1	204.1			97%	91%	102%	108%		
						100000000	10.4	11.7	29.4	202.8	5260.5		9.7	11.9	28.2	225.8	5390.7		93%	102%	96%	111%	102%	
			sequential	5	1	1000000	10.4	9.7	10.2	11.9	38.8	279.8	10.7	10.4	10.3	12.0	38.9	289.5	102%	107%	101%	101%	100%	103%
						10000000	10.0	10.3	10.3	12.1	38.6	384.9	10.4	10.3	10.5	12.6	37.7	368.0	104%	100%	102%	103%	98%	96%
						100000000	10.1	9.2	10.8	13.5	39.4	289.6	10.5	10.3	11.2	13.3	39.4	290.1	104%	111%	103%	98%	100%	100%
					10	1000000	9.9	10.6	9.9	12.5	38.9		9.9	10.0	10.2	12.4	39.3		100%	94%	103%	100%	101%	
						10000000	9.9	10.4	9.7	12.6	37.1	299.2	9.6	10.3	9.7	12.8	37.6	352.9	97%	99%	100%	102%	101%	118%
						100000000	9.4	10.4	10.9	13.0	38.4	321.6	9.4	9.4	10.0	12.8	39.0	382.9	100%	90%	91%	99%	102%	119%
				10	1	1000000	10.0	9.8	11.0	15.4	65.9		9.6	10.4	10.4	15.9	64.1		97%	105%	95%	103%	97%	
						10000000	10.4	10.0	9.7	15.7	66.8	665.2	10.3	10.4	9.9	15.7	66.7	609.6	99%	104%	102%	100%	100%	92%
						100000000	9.2	10.0	10.4	15.6	65.6	799.8	9.7	10.0	10.9	16.2	66.8	727.7	106%	100%	104%	104%	102%	91%
					10	1000000	10.4	10.4	10.6	15.9			10.6	10.5	11.1	15.7			102%	101%	105%	99%		
						10000000	9.9	10.4	9.9	15.9	63.4		10.0	10.8	9.7	15.5	66.6		101%	104%	98%	97%	105%	
						100000000	9.1	9.7	11.5	15.7	63.6	564.3	10.0	9.5	11.1	15.5	65.6	574.7	109%	98%	96%	98%	103%	102%
				100	1	1000000	10.5	11.2	16.3	78.0			10.0	10.6	16.4	64.4			96%	94%	101%	82%		
						10000000	10.2	11.2	15.3	67.1	771.3		10.4	11.3	15.5	66.4	728.7		101%	101%	102%	99%	94%	
						100000000	10.4	10.5	16.7	64.8	652.4	9594.6	10.3	10.7	15.8	66.9	637.9	9870.8	99%	102%	94%	103%	98%	103%
					10	1000000	10.0	11.1	16.0				10.9	11.2	16.4				109%	101%	103%			
						10000000	10.5	10.7	15.9	66.7			10.2	11.4	15.5	67.2			97%	107%	98%	101%		
						100000000	10.0	10.8	15.8	67.3	709.4		10.3	10.5	15.9	67.0	784.0		103%	97%	100%	99%	111%	
	patched	i5	cycle	5	1	1000000	8.1	8.0	8.5	11.8	43.3	273.3	8.0	8.1	8.4	12.1	45.5	279.0	99%	101%	99%	103%	105%	102%
						10000000	8.1	8.0	8.5	11.8	55.8	379.4	8.0	8.1	8.4	12.0	57.8	398.7	99%	101%	99%	101%	104%	105%
						50000000	8.0	8.1	8.8	11.9	57.9	388.4	8.6	8.8	8.8	12.4	57.2	399.8	107%	109%	101%	104%	99%	103%
					10	1000000	7.9	8.0	8.6	13.5	61.9		8.0	8.2	8.7	14.0	66.2		101%	102%	100%	104%	107%	
						10000000	8.2	8.1	8.7	13.7	64.7	1360.6	8.1	8.1	8.7	15.9	80.0	1496.0	99%	100%	100%	117%	124%	110%
						50000000	8.2	8.2	8.9	13.7	62.7	27129.9	8.4	8.6	8.8	13.9	79.5	1511.4	102%	105%	99%	102%	127%	6%
				10	1	1000000	8.0	8.0	9.0	14.3	68.6		8.0	8.1	8.7	14.4	70.9		100%	101%	97%	100%	103%	

					10000000	8.4	8.1	8.7	14.2	68.9	1152.3	8.0	8.1	8.8	14.4	71.0	1203.5	95%	101%	100%	101%	103%	104%
					50000000	8.3	8.2	9.6	14.4	69.2	30957.1	8.5	8.2	9.5	14.7	71.4	1208.2	102%	101%	99%	102%	103%	4%
				10	1000000	8.0	8.2	9.2	18.1			8.0	8.1	9.3	19.3			100%	98%	101%	106%		
					10000000	8.4	8.2	9.2	18.4	106.6		8.2	8.1	9.5	19.1	114.6		98%	99%	103%	104%	107%	
					50000000	8.2	8.2	9.3	18.5	108.4	37736.4	8.0	8.3	9.4	19.0	114.5	2618.6	97%	101%	101%	102%	106%	7%
			100	1	1000000	8.4	8.8	14.6	57.2			8.3	8.8	13.7	58.3			99%	100%	94%	102%		
					10000000	8.3	8.7	14.8	57.3	500.1		8.2	9.0	13.7	58.3	516.3		99%	103%	92%	102%	103%	
					50000000	8.4	10.0	13.6	88.1	501.5	42134.5	8.4	9.2	13.8	58.6	509.7	10501.6	101%	93%	102%	66%	102%	25%
				10	1000000	8.4	9.4	17.7				8.3	9.5	18.5				99%	101%	104%			
					10000000	8.4	9.3	18.1	102.6			8.5	9.4	18.7	109.0			102%	101%	103%	106%		
					50000000	8.5	10.2	18.2	131.9	6950.4		8.5	9.6	18.7	138.8	2359.3		100%	94%	103%	105%	34%	
		random	5	1	1000000	8.1	8.2	8.9	15.6	64.7	273.2	8.1	8.1	9.0	16.6	70.6	284.4	99%	98%	101%	106%	109%	104%
					10000000	8.0	8.3	9.1	17.0	81.9	1429.9	8.0	8.0	9.0	16.8	101.9	1600.1	100%	97%	98%	99%	124%	112%
					50000000	8.3	8.2	9.1	16.2	86.0	40283.9	8.1	8.1	9.2	16.8	90.2	2231.6	98%	99%	102%	103%	105%	6%
				10	1000000	7.9	8.1	8.9	15.7	64.7		8.0	8.0	9.0	16.3	69.6		101%	100%	100%	104%	108%	
					10000000	8.3	8.5	9.0	16.0	82.6	1433.8	8.0	8.1	9.0	16.9	88.4	1581.0	97%	95%	100%	105%	107%	110%
					50000000	9.5	9.4	9.2	16.2	98.0	40885.4	8.3	8.1	9.1	16.9	93.9	2236.4	88%	86%	99%	104%	96%	5%
			10	1	1000000	8.0	8.1	9.9	22.3	97.9		8.1	8.2	9.9	24.0	104.4		101%	101%	100%	108%	107%	
					10000000	8.1	8.4	9.9	23.5	153.4	1993.5	8.0	8.1	9.9	24.6	167.0	2228.0	98%	96%	100%	105%	109%	112%
					50000000	8.1	8.2	9.9	23.8	166.2	31719.1	8.1	8.4	10.4	25.1	176.0	6144.9	100%	102%	105%	105%	106%	19%
				10	1000000	8.1	8.3	10.0	23.5			8.1	8.3	9.9	23.7			100%	100%	99%	101%		
					10000000	8.1	8.2	9.8	23.8	154.4		8.1	8.2	9.8	24.8	166.6		99%	100%	100%	104%	108%	
					50000000	8.1	8.3	9.9	23.8	165.3	31688.4	8.1	8.3	10.8	25.2	175.8	5805.1	100%	100%	109%	106%	106%	18%
			100	1	1000000	8.6	9.9	22.8	98.3			8.3	10.1	23.7	105.1			97%	102%	104%	107%		
					10000000	8.4	10.0	24.2	154.7	2022.8		8.4	10.3	25.0	167.2	2230.5		101%	103%	103%	108%	110%	
					50000000	8.5	10.1	26.3	167.3	31669.9	20323.1	8.5	10.4	25.6	177.4	5107.7	32662.5	100%	103%	97%	106%	16%	161%
				10	1000000	8.5	10.0	22.8				8.5	10.2	24.1				100%	102%	106%			
					10000000	8.5	10.0	24.9	153.8			8.5	10.2	25.2	167.8			101%	102%	101%	109%		
					50000000	8.6	10.2	24.8	166.1	31380.9		8.4	10.2	25.1	205.4	6772.0		98%	100%	101%	124%	22%	
		sequential	5	1	1000000	7.9	8.1	8.3	10.6	31.6	235.4	8.0	8.1	8.3	10.7	31.9	239.3	102%	100%	101%	101%	101%	102%
					10000000	8.0	8.4	8.3	10.6	31.7	238.3	8.0	8.3	8.3	10.8	32.3	240.5	100%	99%	101%	102%	102%	101%
					50000000	8.2	8.1	8.4	10.7	31.9	238.6	8.1	8.3	8.5	10.7	45.4	242.2	99%	103%	102%	101%	142%	101%
				10	1000000	8.0	8.1	8.3	10.7	31.6		8.0	8.1	8.2	10.7	32.2		100%	100%	98%	100%	102%	
					10000000	8.0	8.3	8.3	10.6	45.1	236.9	8.4	8.2	8.3	10.6	34.9	241.0	105%	99%	101%	101%	78%	102%
					50000000	8.0	8.3	8.4	10.6	31.9	240.1	8.1	8.4	8.6	10.7	45.1	242.6	101%	101%	102%	101%	141%	101%
			10	1	1000000	8.1	8.1	8.8	12.8	54.7		8.1	8.1	8.7	13.0	55.7		99%	100%	99%	101%	102%	
					10000000	8.0	8.2	8.5	12.9	55.2	465.7	8.0	8.1	8.6	13.2	55.7	473.5	100%	99%	101%	102%	101%	102%
					50000000	8.2	8.1	8.8	13.0	55.0	468.7	8.0	8.4	9.2	13.0	56.0	476.1	98%	103%	106%	100%	102%	102%
				10	1000000	8.0	8.0	8.7	13.2			8.0	8.1	8.7	14.6			100%	101%	100%	111%		
					10000000	8.6	8.0	8.6	12.9	55.2		8.4	8.1	8.6	13.0	55.6		98%	101%	100%	101%	101%	
					50000000	8.2	8.2	9.4	13.0	55.0	470.0	8.3	8.3	8.8	13.2	56.1	476.1	101%	101%	93%	101%	102%	101%
			100	1	1000000	8.3	9.0	13.2	55.5			8.3	8.8	13.6	56.1			101%	98%	102%	101%		
					10000000	8.3	8.8	15.7	55.2	469.2		8.2	8.8	13.6	55.9	476.0		99%	101%	86%	101%	101%	
					50000000	8.4	8.8	13.4	55.4	469.1	8930.2	8.3	9.0	13.2	56.1	477.6	9278.1	99%	102%	99%	101%	102%	104%
				10	1000000	8.3	9.1	13.3				8.4	9.3	13.7				100%	102%	103%			
					10000000	8.4	8.9	13.9	55.7			8.3	8.9	13.9	56.3			99%	100%	100%	101%		
					50000000	8.4	9.8	13.8	55.5	468.9		8.6	9.9	13.8	56.4	476.9		101%	101%	100%	102%	102%	
	xeon	cycle	5	1	1000000	9.3	10.2	10.1	14.2	50.7	314.4	9.4	10.1	9.4	14.2	53.6	334.9	101%	98%	93%	100%	106%	107%
					10000000	9.3	9.0	10.9	13.8	53.5	539.4	9.8	9.2	11.0	13.4	51.7	551.2	105%	102%	100%	97%	97%	102%
					100000000	10.2	9.2	10.4	15.1	51.6	513.7	10.6	9.1	10.7	13.7	52.4	511.8	104%	99%	103%	91%	102%	100%
				10	1000000	9.2	9.8	10.1	15.7	75.5		9.2	10.6	10.0	16.1	80.9		100%	108%	99%	102%	107%	
					10000000	9.5	9.4	12.1	16.7	77.8	1788.5	9.8	9.6	9.8	16.2	82.0	1941.7	102%	102%	81%	97%	105%	109%
					100000000	10.3	9.2	11.6	17.1	83.9	1881.3	9.7	9.7	11.3	15.5	77.8	1969.2	94%	105%	97%	91%	93%	105%
			10	1	1000000	9.1	10.3	9.9	18.3	79.9		9.3	10.0	11.6	17.4	80.9		102%	97%	116%	95%	101%	
					10000000	10.0	9.4	10.2	17.7	85.9	1574.2	10.8	10.2	10.2	17.0	85.8	1642.6	107%	109%	100%	96%	100%	104%
					100000000	10.0	10.8	12.0	17.5	81.5	1559.4	9.6	10.0	9.8	16.5	86.8	1677.9	96%	93%	82%	94%	106%	108%
				10	1000000	9.4	10.0	12.3	21.9			10.1	9.9	10.3	22.0			108%	99%	84%	100%		
					10000000	10.5	10.4	11.0	22.4	134.6		10.5	9.4	10.6	21.7	142.2		100%	90%	97%	97%	106%	
					100000000	9.6	10.7	10.9	22.7	141.6	3222.4	9.9	10.7	10.7	22.0	142.9	3526.0	103%	100%	98%	97%	101%	109%

						100	1	1000000	10.7	10.6	16.3	69.9			9.8	10.3	15.9	68.0			91%	97%	97%	97%		
								10000000	11.0	11.0	15.5	69.5	761.5		10.7	11.2	15.7	73.8	777.6		97%	102%	101%	106%	102%	
								100000000	9.9	10.6	16.1	69.8	778.0	10598.6	10.1	11.1	15.6	67.9	840.9	10916.3	102%	105%	97%	97%	108%	103%
							10	1000000	9.5	10.6	21.5				9.6	10.5	21.7				101%	100%	101%			
								10000000	11.2	11.0	21.6	129.3			10.9	10.9	21.8	135.7			97%	99%	101%	105%		
								100000000	10.4	11.2	21.2	127.3	2908.0		10.4	12.0	21.6	136.0	3178.1		100%	107%	102%	107%	109%	
					random	5	1	1000000	10.2	9.6	10.6	19.4	79.3	338.7	10.1	9.7	10.4	18.2	85.2	345.5	98%	100%	98%	94%	107%	102%
								10000000	10.6	10.2	10.5	19.6	100.4	1944.3	10.8	10.4	11.0	19.1	106.8	2034.6	103%	102%	105%	97%	106%	105%
								100000000	10.6	10.2	10.7	20.0	105.3	2746.1	9.5	9.9	10.9	18.9	108.4	3005.2	90%	97%	102%	95%	103%	109%
							10	1000000	10.7	10.6	10.3	20.0	81.0		10.3	9.5	10.2	18.3	85.2		96%	90%	99%	92%	105%	
								10000000	9.9	10.8	10.7	20.2	100.7	1814.9	10.6	10.3	10.9	19.2	106.8	1964.3	107%	95%	101%	95%	106%	108%
								100000000	10.3	9.5	11.6	20.3	109.0	2711.2	10.6	10.0	12.0	18.6	111.2	2953.2	103%	106%	104%	92%	102%	109%
							10	1000000	10.1	9.4	11.3	26.5	120.5		10.0	9.7	11.7	26.9	125.9		99%	103%	103%	101%	105%	
								10000000	10.1	10.8	11.9	28.4	188.3	2664.0	10.7	10.6	11.7	28.0	204.0	2976.0	107%	98%	98%	98%	108%	112%
								100000000	10.3	9.9	13.0	27.4	204.4	5080.7	10.0	10.0	12.8	28.4	227.3	5384.6	96%	100%	98%	104%	111%	106%
							10	1000000	10.1	10.5	11.3	26.2			10.5	10.5	11.1	26.6			104%	100%	98%	101%		
								10000000	10.7	10.7	11.3	29.0	189.5		10.3	10.1	11.9	27.9	202.1		96%	95%	105%	96%	107%	
								100000000	9.9	9.4	12.9	27.6	216.4	4900.5	10.3	9.7	11.1	27.9	226.6	5271.1	103%	103%	86%	101%	105%	108%
						100	1	1000000	11.0	11.6	27.0	119.0			10.3	12.6	26.9	121.5			93%	109%	100%	102%		
								10000000	10.9	12.1	29.0	185.6	2801.8		11.3	12.1	28.5	202.2	2877.8		104%	100%	98%	109%	103%	
								100000000	10.7	11.6	28.3	190.7	5122.9	33026.0	10.7	11.2	28.3	216.6	5498.3	34193.1	100%	97%	100%	114%	107%	104%
							10	1000000	10.3	11.3	27.4				10.6	11.2	27.3				102%	99%	100%			
								10000000	10.9	11.9	29.2	190.2			11.0	11.6	28.5	201.8			101%	98%	98%	106%		
								100000000	10.9	12.3	27.5	203.6	4988.8		10.3	11.1	28.1	216.1	5477.9		94%	90%	102%	106%	110%	
					sequential	5	1	1000000	10.4	10.2	11.1	12.6	38.7	312.5	10.3	10.3	10.3	12.3	39.8	291.8	99%	101%	93%	98%	103%	93%
								10000000	9.8	10.4	9.6	12.6	39.2	332.3	10.4	10.4	10.3	13.0	39.3	389.2	106%	100%	108%	104%	100%	117%
								100000000	10.7	9.7	10.7	12.0	37.2	329.4	10.4	10.0	9.7	12.4	39.1	279.2	97%	102%	91%	104%	105%	85%
							10	1000000	10.1	10.9	10.0	12.1	38.3		10.3	10.5	10.5	13.3	38.6		102%	96%	105%	110%	101%	
								10000000	10.6	10.4	10.1	12.7	38.6	325.5	10.7	10.5	9.9	12.6	39.0	302.0	101%	101%	98%	99%	101%	93%
								100000000	10.1	9.9	10.7	12.8	38.8	372.1	10.1	9.9	10.3	12.6	38.7	340.2	100%	100%	96%	98%	100%	91%
						10	1	1000000	10.2	10.3	10.6	16.5	65.5		10.3	10.0	10.6	15.9	66.9		102%	97%	100%	96%	102%	
								10000000	10.6	10.7	10.6	16.1	66.6	771.5	10.1	9.9	10.2	16.0	77.6	724.2	95%	92%	97%	100%	116%	94%
								100000000	10.1	9.8	10.2	15.3	67.1	695.4	10.6	10.4	10.4	15.8	67.9	758.3	104%	106%	102%	103%	101%	109%
							10	1000000	10.7	9.7	10.9	16.2			10.7	10.7	10.3	15.2			100%	110%	95%	94%		
								10000000	9.9	10.0	10.3	15.6	65.2		10.4	10.4	11.2	16.1	67.5		104%	104%	109%	103%	103%	
								100000000	10.0	9.8	10.8	15.8	66.1	656.3	10.2	10.1	10.8	16.2	67.7	731.1	101%	104%	100%	102%	102%	111%
						100	1	1000000	10.4	10.8	16.0	66.5			11.1	10.7	16.8	66.2			107%	99%	106%	100%		
								10000000	10.5	11.5	15.9	77.0	671.0		10.1	9.8	16.3	67.8	771.6		96%	85%	103%	88%	115%	
								100000000	9.4	11.5	16.3	68.3	644.0	9753.2	10.0	11.1	16.1	65.1	694.5	9958.7	106%	97%	99%	95%	108%	102%
							10	1000000	11.0	10.9	16.5				10.3	11.0	16.7				94%	101%	101%			
								10000000	10.6	11.1	16.2	72.2			10.9	11.5	16.0	67.0			103%	104%	99%	93%		
								100000000	11.1	10.2	16.4	67.4	698.5		11.2	11.1	16.7	68.5	636.4		101%	109%	102%	102%	91%	
	indexscan	master	i5		cycle	5	1	1000000	8.1	8.0	8.5	12.4	52.1	331.7	8.0	8.2	8.6	13.3	51.6	331.0	99%	102%	101%	107%	99%	100%
								10000000	8.1	8.2	8.5	12.7	52.0	461.9	8.2	8.2	8.5	13.3	52.8	462.7	101%	100%	100%	104%	102%	100%
								50000000	8.4	8.1	9.0	12.9	52.6	466.7	8.5	8.6	8.9	12.5	65.6	468.6	101%	105%	99%	97%	125%	100%
							10	1000000	8.0	8.2	8.7	13.3	58.6		8.0	8.1	8.7	13.7	58.9		100%	98%	100%	102%	101%	
								10000000	8.0	8.1	8.7	13.7	59.4	1415.2	8.1	8.0	8.6	14.2	58.9	1406.2	101%	99%	99%	103%	99%	99%
								50000000	8.2	8.4	8.9	13.8	59.3	1418.2	8.1	8.6	9.0	13.8	59.4	1423.6	98%	103%	101%	100%	100%	100%
							10	1000000	8.1	8.1	9.1	16.0	90.8		8.0	8.2	9.0	16.0	90.2		98%	101%	98%	100%	99%	
								10000000	8.3	8.6	8.9	16.1	90.9	1011.8	8.0	8.1	8.9	16.1	91.1	1014.5	97%	94%	100%	100%	100%	100%
								50000000	8.3	8.3	9.2	17.4	91.5	1021.5	8.1	8.3	9.7	16.1	92.3	1023.6	98%	100%	106%	93%	101%	100%
							10	1000000	8.0	8.1	9.3	18.1			8.0	8.1	9.2	18.2			101%	100%	99%	101%		
								10000000	8.1	8.2	9.2	18.1	105.3		8.2	8.1	9.2	18.2	105.2		102%	99%	100%	100%	100%	
								50000000	8.7	8.4	9.2	19.4	106.5	51572.8	8.1	8.3	9.5	19.4	108.3	52240.3	94%	99%	103%	100%	102%	101%
						100	1	1000000	8.2	9.0	15.5	79.0			8.4	9.2	15.8	79.0			103%	101%	102%	100%		
								10000000	8.3	9.0	15.7	79.1	789.1		8.3	9.2	15.7	79.0	785.4		100%	102%	99%	100%	100%	
								50000000	8.8	9.3	15.5	112.3	785.2	66852.8	8.6	10.0	15.4	79.6	785.1	67787.9	97%	108%	99%	71%	100%	101%
							10	1000000	8.3	9.4	17.7				8.3	9.4	17.8				100%	100%	101%			
								10000000	8.5	9.3	18.8	97.6			8.6	9.2	17.9	97.1			101%	99%	95%	99%		

					50000000	8.6	10.6	17.8	129.5	13375.8		9.1	9.6	18.0	97.3	13797.5		106%	90%	101%	75%	103%	
		random	5	1	1000000	8.0	8.2	8.8	14.6	57.4	328.7	8.1	8.2	8.8	14.3	57.5	328.8	100%	101%	100%	98%	100%	100%
					10000000	8.0	8.4	9.1	15.4	66.1	1474.2	8.1	8.3	8.8	15.0	66.8	1468.5	102%	98%	97%	97%	101%	100%
					50000000	8.3	8.3	8.9	15.5	66.8	57391.9	8.4	8.6	9.0	14.9	79.8	57115.8	101%	103%	101%	96%	119%	100%
				10	1000000	8.0	8.0	8.8	14.6	57.3		8.0	8.1	8.7	14.8	57.1		100%	100%	99%	102%	100%	
					10000000	8.1	8.4	9.0	15.0	65.8	1481.6	8.1	8.2	8.9	15.0	65.5	1468.9	99%	97%	99%	100%	100%	99%
					50000000	8.3	8.3	9.2	14.9	67.5	57324.7	8.3	8.4	9.1	14.7	70.4	57620.9	101%	102%	99%	98%	104%	101%
			10	1	1000000	8.0	8.3	9.5	19.9	100.8		8.0	8.2	9.7	19.7	100.7		100%	99%	101%	99%	100%	
					10000000	8.1	8.2	9.6	20.4	121.1	2691.4	8.3	8.3	9.6	20.5	120.6	2678.3	102%	101%	100%	101%	100%	100%
					50000000	8.2	8.3	9.6	20.4	124.2	98698.9	8.6	8.6	10.5	22.2	124.5	98528.1	106%	103%	110%	109%	100%	100%
				10	1000000	8.0	8.2	9.5	19.9			8.1	8.3	9.8	20.0			101%	101%	103%	100%		
					10000000	8.0	8.4	9.5	20.3	121.1		8.5	8.1	9.6	20.6	121.0		106%	97%	101%	102%	100%	
					50000000	8.3	8.4	10.0	20.5	124.0	99251.2	8.4	8.3	9.8	20.9	123.7	98473.2	101%	99%	97%	102%	100%	99%
			100	1	1000000	8.6	10.0	21.7	104.8			8.4	9.9	20.2	104.3			98%	99%	93%	100%		
					10000000	8.4	9.7	20.7	123.4	2830.0		8.7	9.7	20.7	122.2	2866.6		104%	100%	100%	99%	101%	
					50000000	8.7	10.3	24.1	124.7	103527.2	1087953	8.8	10.2	21.8	124.7	103637.(	1095364	101%	99%	90%	100%	100%	101%
				10	1000000	8.4	9.9	20.3				8.4	10.0	20.4				100%	101%	101%			
					10000000	8.7	10.0	20.9	122.3			8.5	9.8	22.1	123.1			97%	98%	106%	101%		
					50000000	8.9	10.1	21.6	125.0	104098.3		8.5	10.2	21.6	125.6	103624.5		95%	100%	100%	100%	100%	
		sequential	5	1	1000000	8.1	8.1	8.3	11.0	32.3	236.7	8.1	8.0	8.4	11.7	32.2	239.0	100%	99%	100%	106%	99%	101%
					10000000	8.3	8.4	8.4	10.7	32.1	238.0	8.3	8.2	8.3	10.7	32.1	239.9	100%	98%	99%	100%	100%	101%
					50000000	8.2	8.4	8.6	10.7	43.6	242.8	8.4	8.2	8.5	10.7	32.5	239.7	102%	97%	98%	100%	75%	99%
				10	1000000	8.2	8.1	8.3	10.7	32.5		8.1	8.2	8.3	10.7	32.1		99%	100%	100%	100%	99%	
					10000000	8.1	8.2	8.3	10.6	43.3	239.0	8.3	8.1	8.3	10.9	31.8	239.2	103%	99%	100%	102%	74%	100%
					50000000	8.1	8.5	8.7	10.9	44.2	240.1	8.5	8.3	8.6	10.7	32.4	246.8	104%	98%	98%	98%	73%	103%
			10	1	1000000	8.0	8.0	8.7	13.1	54.8		8.0	8.0	8.8	13.1	55.3		100%	100%	101%	101%	101%	
					10000000	8.1	8.1	8.6	13.1	55.3	470.1	8.4	8.4	8.6	13.3	55.5	469.0	103%	104%	99%	101%	100%	100%
					50000000	8.2	8.2	8.8	14.6	55.8	472.3	8.1	8.3	8.9	14.7	55.8	472.0	100%	101%	101%	100%	100%	100%
				10	1000000	8.1	8.1	8.6	13.1			8.1	8.1	8.7	13.2			99%	100%	101%	100%		
					10000000	8.0	8.2	8.7	13.3	55.3		8.3	8.4	8.6	13.8	55.4		103%	102%	99%	104%	100%	
					50000000	8.1	8.3	9.5	13.7	55.7	476.2	8.4	8.2	8.9	14.5	57.0	469.5	105%	99%	93%	106%	102%	99%
			100	1	1000000	8.3	8.9	13.4	55.9			8.4	9.1	13.7	55.8			102%	102%	102%	100%		
					10000000	8.3	8.9	15.6	55.7	469.5		8.4	8.8	13.6	55.7	483.2		101%	99%	87%	100%	103%	
					50000000	8.6	9.3	13.8	56.4	473.1	8893.1	8.5	9.8	13.4	56.1	473.1	9058.7	99%	105%	98%	99%	100%	102%
				10	1000000	8.4	9.2	13.7				8.5	9.3	13.6				101%	101%	99%			
					10000000	8.4	8.9	15.2	55.8			8.6	9.0	13.9	56.0			102%	101%	91%	100%		
					50000000	8.6	9.3	13.8	87.5	472.8		8.7	9.2	13.9	56.7	472.3		102%	99%	101%	65%	100%	
	xeon	cycle	5	1	1000000	9.1	10.2	10.6	15.2	57.8	412.3	9.5	10.7	10.9	13.8	57.4	387.8	105%	105%	103%	91%	99%	94%
					10000000	9.5	10.1	11.2	14.0	58.6	542.2	9.8	9.9	11.0	14.5	57.7	537.1	102%	98%	98%	104%	98%	99%
					100000000	9.9	9.5	10.4	13.9	58.3	618.2	10.4	10.3	10.6	13.8	59.4	604.3	105%	108%	102%	100%	102%	98%
				10	1000000	9.4	10.8	11.3	16.0	68.4		9.6	9.9	11.6	15.9	66.7		102%	92%	102%	99%	97%	
					10000000	10.2	9.3	11.5	15.4	75.8	1856.9	10.4	9.9	9.8	14.9	75.0	1754.5	102%	107%	86%	97%	99%	94%
					100000000	9.6	10.4	11.8	15.1	76.2	1933.4	10.2	10.4	11.3	15.0	76.2	1940.4	106%	100%	96%	99%	100%	100%
			10	1	1000000	9.1	9.8	11.9	18.7	100.5		9.3	10.0	11.9	19.0	99.5		103%	101%	99%	102%	99%	
					10000000	10.3	9.6	10.7	18.6	101.2	1350.2	10.1	9.0	10.3	18.4	101.4	1384.6	98%	94%	96%	99%	100%	103%
					100000000	10.1	10.6	10.6	18.5	101.1	1402.8	10.3	10.3	10.5	19.0	101.7	1364.2	102%	97%	99%	103%	101%	97%
				10	1000000	8.8	10.1	10.1	21.9			9.4	10.2	10.9	22.8			106%	101%	108%	104%		
					10000000	10.1	9.7	10.5	22.3	119.1		10.2	9.5	10.2	22.8	121.3		101%	97%	97%	102%	102%	
					100000000	10.4	9.2	10.8	22.9	124.7	3073.0	9.5	10.5	11.8	21.5	124.2	3395.3	91%	114%	109%	94%	100%	110%
			100	1	1000000	9.8	11.2	17.9	90.1			10.6	11.6	18.0	90.7			109%	104%	101%	101%		
					10000000	10.9	10.7	17.6	91.9	1092.7		9.8	11.3	17.9	91.1	1092.2		90%	106%	102%	99%	100%	
					100000000	10.5	10.3	18.2	102.4	1113.8	16980.5	10.7	11.3	18.3	92.6	1148.5	17523.7	103%	109%	100%	90%	103%	103%
				10	1000000	10.5	10.9	20.3				9.8	11.3	20.6				93%	103%	102%			
					10000000	10.0	11.0	20.1	111.3			9.9	10.4	20.5	117.0			99%	94%	102%	105%		
					100000000	10.2	11.5	20.6	119.5	3301.3		10.5	10.8	21.1	120.7	3204.6		103%	94%	102%	101%	97%	
		random	5	1	1000000	9.6	10.4	10.2	17.5	68.3	386.8	10.0	9.3	9.7	18.2	69.0	399.8	104%	90%	95%	104%	101%	103%
					10000000	9.7	9.6	10.1	17.8	84.3	1967.8	9.7	10.5	10.6	17.2	81.5	2038.5	100%	109%	105%	97%	97%	104%
					100000000	10.3	9.2	9.9	18.1	85.6	2342.0	10.6	9.7	9.6	18.2	86.8	2343.6	103%	105%	97%	101%	101%	100%
				10	1000000	10.6	10.7	9.9	18.0	69.3		10.4	10.0	10.2	17.6	68.7		98%	94%	103%	98%	99%	

						10000000	10.0	10.3	10.6	17.9	82.2	1993.2	9.8	10.8	10.0	17.5	82.9	2035.6	98%	105%	95%	98%	101%	102%
						100000000	10.1	9.4	9.7	18.3	85.7	2494.4	9.8	10.1	10.2	17.8	83.7	2473.2	97%	107%	105%	97%	98%	99%
				10	1	1000000	10.2	9.5	10.8	23.9	116.5		10.0	9.4	11.2	22.4	117.1		99%	100%	104%	94%	100%	
						10000000	10.6	10.3	10.9	23.2	151.5	3768.7	10.6	10.6	10.6	23.8	139.4	3628.4	99%	102%	98%	102%	92%	96%
						100000000	9.9	11.0	11.8	24.8	159.3	4714.0	10.8	10.3	11.8	25.1	158.5	4677.7	110%	93%	100%	101%	100%	99%
					10	1000000	9.7	9.2	10.4	23.1			9.9	9.4	12.1	22.6			102%	102%	116%	98%		
						10000000	10.3	10.4	10.9	23.6	140.6		10.0	10.2	12.0	23.4	140.8		97%	98%	110%	99%	100%	
						100000000	10.7	9.8	11.5	24.0	157.8	4602.3	10.3	9.9	11.2	24.7	145.4	4590.2	95%	101%	98%	103%	92%	100%
				100	1	1000000	9.6	11.8	24.4	117.7			10.7	12.6	23.6	119.9			111%	107%	97%	102%		
						10000000	10.5	12.4	24.4	150.6	3895.2		10.5	12.3	24.8	154.0	3746.1		100%	99%	102%	102%	96%	
						100000000	9.7	11.6	24.6	146.6	4729.5	43919.4	9.5	12.4	24.2	156.7	4760.5	43805.4	98%	107%	98%	107%	101%	100%
					10	1000000	11.0	12.4	24.4				10.9	12.5	23.8				100%	101%	98%			
						10000000	10.1	12.6	24.1	151.7			10.0	11.1	23.6	153.9			99%	88%	98%	101%		
						100000000	10.1	11.3	25.1	155.4	4775.0		9.5	11.7	24.5	157.4	4708.2		93%	103%	98%	101%	99%	
			sequential	5	1	1000000	10.4	9.5	10.0	12.3	39.5	341.7	10.4	10.7	10.3	12.1	39.9	290.3	100%	112%	103%	98%	101%	85%
						10000000	9.9	9.8	10.4	12.2	40.0	373.9	9.7	10.0	10.3	12.5	38.8	294.5	97%	103%	99%	102%	97%	79%
						100000000	9.7	9.1	10.6	12.9	39.7	393.5	10.2	10.2	10.5	14.0	39.9	292.3	105%	112%	99%	109%	101%	74%
					10	1000000	10.0	10.6	9.8	13.0	40.0		10.1	10.1	10.4	12.6	39.2		101%	95%	106%	97%	98%	
						10000000	9.7	10.2	9.7	12.9	39.2	387.1	9.9	9.9	9.4	13.2	38.8	295.2	102%	97%	96%	102%	99%	76%
						100000000	9.7	10.8	10.8	12.9	39.7	293.5	9.6	9.6	10.2	12.9	39.6	333.3	99%	89%	94%	100%	100%	114%
				10	1	1000000	10.1	10.2	10.9	15.6	68.5		9.7	9.8	10.4	16.1	66.9		96%	96%	96%	103%	98%	
						10000000	10.2	10.0	9.9	16.3	66.2	679.8	9.6	10.7	9.8	16.2	64.3	744.7	94%	107%	99%	99%	97%	110%
						100000000	9.1	9.9	10.7	15.9	67.5	817.2	9.3	10.4	11.1	16.2	67.4	667.8	102%	105%	104%	101%	100%	82%
					10	1000000	10.0	10.0	10.5	15.4			10.5	10.2	11.4	16.1			105%	102%	109%	105%		
						10000000	9.5	10.6	10.0	16.1	67.5		9.8	10.5	10.0	15.5	67.2		103%	99%	100%	96%	100%	
						100000000	9.3	9.2	11.8	15.8	67.5	704.2	9.9	9.4	11.4	15.8	64.7	756.3	107%	103%	97%	100%	96%	107%
				100	1	1000000	10.3	10.9	15.9	71.8			10.3	10.5	16.6	67.9			100%	97%	105%	95%		
						10000000	10.0	11.5	15.6	68.6	775.5		9.9	11.2	16.2	68.4	791.0		100%	97%	104%	100%	102%	
						100000000	10.3	10.4	16.6	77.0	728.1	10007.2	10.3	10.4	16.0	66.7	793.5	9760.0	100%	101%	97%	87%	109%	98%
					10	1000000	10.4	10.8	16.8				10.8	10.8	16.4				104%	101%	98%			
						10000000	10.5	11.2	16.2	69.3			10.1	11.1	15.5	68.8			97%	99%	96%	99%		
						100000000	10.2	11.0	16.5	68.5	784.3		11.0	10.9	16.0	68.2	711.0		108%	99%	97%	100%	91%	
	patched	i5	cycle	5	1	1000000	8.1	8.1	8.6	12.8	51.1	331.7	8.0	8.0	8.6	13.0	58.0	352.9	99%	100%	100%	101%	113%	106%
						10000000	8.0	8.3	8.5	12.6	51.8	458.6	8.1	8.2	8.5	14.0	58.0	525.2	102%	99%	99%	111%	112%	115%
						50000000	8.5	8.4	9.0	12.6	51.8	458.7	8.2	8.2	8.7	13.3	61.0	528.9	97%	98%	97%	105%	118%	115%
					10	1000000	7.9	7.9	8.6	13.5	57.6		8.1	8.1	8.7	14.4	64.8		101%	103%	101%	107%	112%	
						10000000	8.0	8.4	8.6	13.2	58.3	1437.1	8.4	8.1	8.7	14.0	65.8	1612.2	105%	96%	101%	106%	113%	112%
						50000000	8.4	8.6	9.2	13.6	61.8	1452.3	8.3	8.2	8.8	14.2	65.3	1641.1	99%	96%	95%	105%	106%	113%
				10	1	1000000	8.1	8.1	9.0	16.2	89.8		8.0	8.1	9.0	16.9	102.6		99%	100%	100%	105%	114%	
						10000000	8.1	8.1	8.9	15.9	89.9	1011.3	9.4	8.1	8.9	16.9	102.2	1159.4	117%	101%	100%	107%	114%	115%
						50000000	8.3	8.3	9.1	17.3	89.7	1014.3	8.2	8.2	9.2	18.3	102.9	1163.8	99%	98%	101%	105%	115%	115%
					10	1000000	8.0	8.1	9.2	18.5			8.0	8.1	9.3	19.2			100%	100%	101%	104%		
						10000000	8.1	8.2	9.1	17.8	105.2		8.1	8.1	9.3	19.6	118.4		101%	99%	101%	110%	113%	
						50000000	8.4	8.3	9.9	17.9	105.4	52847.0	8.4	8.4	10.3	19.3	120.5	2919.0	100%	101%	104%	108%	114%	6%
				100	1	1000000	8.3	9.4	15.1	79.5			8.2	9.2	15.9	89.3			99%	98%	105%	112%		
						10000000	8.4	8.9	15.5	78.1	781.3		8.3	9.0	15.9	88.7	918.7		99%	101%	103%	113%	118%	
						50000000	8.5	9.2	15.8	84.1	779.1	67555.6	9.0	10.1	16.1	89.4	902.4	16254.9	106%	110%	102%	106%	116%	24%
					10	1000000	8.3	9.7	17.6				8.4	9.6	18.6				102%	100%	106%			
						10000000	8.4	9.2	17.7	97.6			8.3	9.4	18.8	111.1			99%	102%	106%	114%		
						50000000	8.6	9.6	17.7	96.8	12709.4		9.1	10.5	18.8	110.9	2865.3		106%	109%	106%	114%	23%	
			random	5	1	1000000	7.9	8.0	8.8	15.0	56.9	326.7	8.1	8.0	8.8	15.2	64.4	352.8	102%	101%	100%	101%	113%	108%
						10000000	8.1	8.1	8.8	14.5	79.7	1510.5	8.2	8.2	8.8	16.1	72.6	1863.9	101%	101%	99%	111%	91%	123%
						50000000	8.1	8.3	9.1	15.1	79.8	59483.8	8.3	8.5	9.2	15.5	86.3	2107.1	103%	103%	101%	103%	108%	4%
					10	1000000	8.0	8.2	8.8	15.1	56.7		8.1	8.1	8.9	15.8	64.7		101%	99%	101%	105%	114%	
						10000000	7.9	8.3	8.8	15.4	75.9	1502.6	8.1	8.4	8.9	15.7	72.4	1884.6	102%	102%	100%	102%	95%	125%
						50000000	8.0	8.2	9.0	15.0	68.4	60769.7	8.1	10.3	9.3	15.2	87.0	2096.4	101%	125%	102%	101%	127%	3%
				10	1	1000000	8.0	8.3	9.5	20.0	99.6		8.0	8.2	9.7	21.4	114.5		101%	99%	101%	107%	115%	
						10000000	8.0	8.1	9.4	21.1	120.3	2729.2	8.2	8.1	9.6	21.8	134.3	3251.1	103%	100%	101%	103%	112%	119%
						50000000	8.1	8.3	9.5	21.0	125.9	102761.1	8.2	8.4	9.8	22.1	137.3	4001.5	102%	101%	103%	105%	109%	4%

				10	1000000	8.0	8.1	9.4	19.9			8.2	8.2	9.6	21.1			102%	101%	102%	106%		
					10000000	8.0	8.3	9.5	20.4	121.0		8.2	8.3	9.6	21.7	134.0		102%	100%	101%	106%	111%	
					50000000	8.1	8.4	9.8	21.3	123.4	100986.5	8.4	8.4	9.9	22.3	137.3	4070.7	104%	100%	101%	104%	111%	4%
			100	1	1000000	8.6	9.8	20.4	104.5			8.4	10.0	21.5	117.9			98%	102%	105%	113%		
					10000000	8.4	9.8	22.0	123.9	2896.1		8.4	10.0	22.7	135.7	3339.0		100%	102%	103%	110%	115%	
					50000000	8.5	10.4	21.8	125.9	106928.1	1135955	8.7	10.7	22.2	138.6	4121.6	97958.2	102%	102%	102%	110%	4%	9%
				10	1000000	8.5	9.8	20.3				8.5	9.9	21.6				101%	101%	107%			
					10000000	8.5	9.8	21.5	125.7			8.3	9.8	22.3	135.1			97%	100%	104%	108%		
					50000000	8.5	10.6	21.4	124.3	107433.0		8.7	10.6	23.7	138.0	4126.6		103%	100%	111%	111%	4%	
		sequential	5	1	1000000	8.0	8.2	8.2	10.7	32.2	239.5	8.0	8.2	8.3	11.1	33.7	257.1	100%	101%	101%	103%	105%	107%
					10000000	8.2	8.0	8.3	11.3	32.4	242.4	8.0	8.2	8.3	10.9	34.5	260.0	98%	101%	99%	96%	106%	107%
					50000000	8.2	8.4	8.7	10.8	45.6	242.5	8.1	8.3	8.6	11.0	34.1	261.4	99%	99%	99%	102%	75%	108%
				10	1000000	8.0	8.1	8.3	10.5	31.9		8.1	8.1	8.4	10.9	33.8		101%	100%	101%	103%	106%	
					10000000	8.2	7.9	8.4	10.8	32.2	239.4	8.0	8.1	8.4	11.4	34.1	261.0	97%	103%	101%	105%	106%	109%
					50000000	8.1	8.1	8.5	11.0	47.1	241.8	8.3	8.0	8.7	11.1	34.4	261.4	103%	99%	101%	100%	73%	108%
			10	1	1000000	8.1	8.1	8.8	13.1	55.5		8.1	8.0	8.9	13.6	59.2		100%	99%	100%	104%	107%	
					10000000	8.2	8.1	8.6	13.0	55.6	472.7	8.1	8.1	8.6	13.6	59.7	510.5	99%	100%	100%	104%	107%	108%
					50000000	8.1	8.2	8.9	13.2	55.6	475.7	8.4	8.2	8.9	13.7	59.7	508.1	103%	100%	100%	104%	107%	107%
				10	1000000	8.0	8.0	8.8	13.1			8.0	8.1	8.7	13.7			100%	101%	100%	105%		
					10000000	8.0	8.1	8.6	13.0	55.7		8.0	8.1	8.8	13.4	59.2		100%	100%	101%	103%	106%	
					50000000	8.2	8.2	9.0	13.9	55.8	475.7	8.4	8.2	9.2	13.9	59.5	513.5	102%	99%	102%	99%	107%	108%
			100	1	1000000	8.5	8.9	13.2	55.9			8.4	8.9	13.8	60.0			100%	99%	104%	107%		
					10000000	8.3	8.8	13.7	56.0	474.9		8.3	8.9	13.7	60.1	526.6		100%	100%	101%	107%	111%	
					50000000	8.6	9.7	13.8	57.8	476.1	9024.0	8.5	10.0	13.9	66.0	512.8	9252.6	100%	103%	101%	114%	108%	103%
				10	1000000	8.5	10.2	13.7				8.4	9.3	13.9				99%	91%	102%			
					10000000	8.3	8.9	13.6	57.1			8.3	9.0	15.3	63.9			100%	101%	112%	112%		
					50000000	8.6	9.2	13.7	56.6	474.0		8.5	9.4	14.1	91.0	521.0		99%	102%	103%	161%	110%	
	xeon	cycle	5	1	1000000	9.3	10.3	10.1	14.4	57.2	402.3	9.6	10.3	9.2	14.7	63.0	405.9	103%	100%	92%	102%	110%	101%
					10000000	9.3	9.1	10.8	13.9	57.6	653.9	9.9	9.3	11.5	14.0	63.1	707.8	106%	102%	107%	100%	110%	108%
					100000000	10.3	9.1	10.7	15.0	56.8	586.9	10.5	9.2	10.7	14.5	63.2	724.7	102%	100%	100%	96%	111%	123%
				10	1000000	9.5	10.4	9.7	15.8	68.6		9.1	10.8	9.6	15.2	75.1		96%	104%	99%	96%	110%	
					10000000	10.0	9.3	11.7	15.8	75.0	1865.5	9.4	9.7	9.7	15.9	72.4	1959.2	94%	105%	83%	101%	97%	105%
					100000000	10.4	9.2	11.8	15.7	73.8	1924.7	9.8	9.7	11.1	15.3	76.1	2165.7	94%	105%	94%	98%	103%	113%
			10	1	1000000	9.1	10.0	9.8	18.6	99.2		9.4	9.8	11.6	19.6	112.5		104%	99%	118%	105%	113%	
					10000000	10.1	9.6	10.1	18.7	102.4	1376.7	10.3	10.1	10.6	19.1	111.8	1474.2	102%	105%	105%	103%	109%	107%
					100000000	10.0	10.4	11.8	18.0	100.7	1442.5	9.7	9.9	10.1	18.9	114.0	1546.8	97%	95%	86%	105%	113%	107%
				10	1000000	8.9	10.3	12.3	22.7			10.1	9.7	10.4	21.6			114%	95%	85%	95%		
					10000000	10.2	10.4	10.9	21.1	125.9		10.7	9.4	10.4	22.0	137.4		105%	90%	95%	104%	109%	
					100000000	9.4	10.6	10.5	21.2	125.2	3315.3	9.7	10.5	10.9	21.5	132.9	3581.4	103%	100%	103%	102%	106%	108%
			100	1	1000000	10.5	10.3	17.7	92.4			9.7	10.3	18.4	101.7			93%	100%	104%	110%		
					10000000	10.8	11.4	17.8	93.0	973.3		10.7	11.7	17.7	100.9	1090.3		99%	103%	99%	108%	112%	
					100000000	9.9	11.1	18.7	92.7	1134.4	16546.9	10.2	11.6	17.8	102.1	1231.5	18015.5	103%	105%	95%	110%	109%	109%
				10	1000000	9.4	10.4	20.2				9.6	10.8	21.4				101%	104%	106%			
					10000000	10.5	10.9	20.5	118.6			10.8	10.8	21.3	132.7			103%	100%	104%	112%		
					100000000	10.4	10.9	20.8	120.3	3224.8		10.3	12.5	21.4	134.0	3585.7		99%	115%	103%	111%	111%	
		random	5	1	1000000	10.1	9.7	10.5	17.6	69.0	450.7	9.9	9.9	10.3	16.6	75.6	401.6	98%	102%	98%	95%	109%	89%
					10000000	10.3	9.9	10.4	17.7	82.2	1913.6	10.4	10.7	10.9	17.4	88.2	2245.9	101%	107%	104%	98%	107%	117%
					100000000	10.3	10.0	10.7	17.4	88.1	2445.8	9.3	10.1	10.7	17.8	90.9	2739.1	90%	101%	100%	102%	103%	112%
				10	1000000	10.5	10.4	10.5	18.2	69.4		10.6	9.5	10.2	17.1	71.8		101%	91%	98%	94%	103%	
					10000000	9.8	10.6	10.3	17.8	83.0	2015.8	10.3	11.0	10.7	17.7	87.8	2125.8	106%	104%	103%	99%	106%	105%
					100000000	10.4	9.3	10.6	17.9	83.6	2481.8	10.4	9.5	11.3	17.3	90.3	2651.5	100%	103%	107%	97%	108%	107%
			10	1	1000000	10.0	9.2	11.0	23.5	115.6		9.9	9.4	10.7	23.9	126.4		99%	102%	97%	102%	109%	
					10000000	10.0	10.7	11.0	23.9	147.9	3717.8	10.7	10.9	11.0	25.2	166.5	4159.6	107%	101%	100%	106%	113%	112%
					100000000	10.1	9.7	12.3	24.1	159.7	4714.3	10.0	9.5	12.3	25.2	167.9	5307.8	99%	98%	100%	105%	105%	113%
				10	1000000	10.2	10.2	11.1	22.6			10.3	10.4	11.4	24.2			101%	102%	103%	107%		
					10000000	10.7	10.8	11.4	24.1	153.3		10.2	10.6	11.8	24.3	156.8		95%	98%	104%	101%	102%	
					100000000	9.8	9.7	12.5	23.6	160.4	4728.7	10.3	9.2	10.7	24.2	171.8	5299.4	105%	94%	85%	102%	107%	112%
			100	1	1000000	11.0	11.4	24.1	116.8			10.3	11.5	24.0	129.9			93%	100%	100%	111%		
					10000000	11.2	11.7	24.6	145.0	3856.2		11.0	11.2	24.1	167.8	4336.4		98%	96%	98%	116%	112%	

								100000000	10.9	10.6	23.6	149.8	4850.0	45217.2	10.5	10.6	24.5	171.5	5237.1	50121.8	97%	100%	104%	114%	108%	111%
							10	1000000	10.4	10.6	24.6				10.3	11.1	24.0				99%	104%	98%			
								10000000	11.4	11.5	25.1	153.7			11.3	11.4	24.7	167.6			99%	99%	99%	109%		
								100000000	11.3	11.8	23.9	160.4	4717.9		10.3	10.8	24.7	171.8	5443.9		91%	92%	103%	107%	115%	
					sequential	5	1	1000000	10.8	10.1	10.9	12.1	39.6	298.6	10.7	10.7	10.2	12.8	41.4	303.1	99%	106%	94%	106%	105%	101%
								10000000	9.9	10.5	9.7	12.5	40.7	287.6	10.5	10.4	10.3	13.0	40.1	404.0	106%	100%	106%	104%	99%	140%
								100000000	10.6	9.7	10.1	12.4	39.9	372.2	10.2	9.5	9.7	12.4	40.7	306.7	95%	98%	96%	100%	102%	82%
							10	1000000	9.9	10.4	10.4	12.4	39.4		10.0	10.8	10.5	12.9	39.1		101%	104%	101%	104%	99%	
								10000000	10.7	9.9	9.6	12.6	39.4	295.5	10.4	10.1	9.8	12.7	40.7	303.5	98%	102%	102%	101%	103%	103%
								100000000	10.3	10.1	10.9	12.4	39.2	345.1	10.2	10.1	10.6	12.3	38.8	301.6	99%	100%	97%	100%	99%	87%
						10	1	1000000	10.1	10.5	10.7	16.6	68.2		10.2	10.0	10.6	16.3	69.1		101%	95%	98%	98%	101%	
								10000000	10.2	10.3	10.8	16.0	65.3	758.8	9.8	10.0	10.6	16.8	69.9	771.7	97%	97%	98%	105%	107%	102%
								100000000	10.1	10.0	10.0	15.1	68.8	703.8	10.5	9.9	10.5	16.2	69.6	758.5	104%	99%	105%	108%	101%	108%
							10	1000000	10.4	10.0	11.5	16.4			11.1	10.9	10.6	16.2			107%	109%	92%	99%		
								10000000	10.0	9.9	10.5	15.9	67.7		10.0	10.2	10.9	16.5	69.4		101%	103%	104%	103%	102%	
								100000000	10.4	10.3	10.8	16.5	64.5	701.1	10.2	10.1	11.0	16.3	69.7	658.3	98%	98%	102%	99%	108%	94%
						100	1	1000000	11.2	10.7	17.0	70.9			10.8	10.5	16.7	69.6			96%	99%	98%	98%		
								10000000	10.1	11.3	16.5	79.1	739.2		9.9	9.9	16.2	70.5	774.3		98%	87%	98%	89%	105%	
								100000000	9.8	11.6	16.7	83.1	731.0	9678.5	9.8	11.0	16.8	70.2	816.4	9821.8	99%	96%	101%	85%	112%	101%
							10	1000000	10.5	10.6	16.8				10.3	10.8	16.4				98%	101%	98%			
								10000000	10.0	10.6	16.6	80.5			10.6	11.5	16.4	70.8			106%	109%	99%	88%		
								100000000	11.0	10.5	16.5	68.6	687.7		10.9	11.0	17.3	68.3	755.0		99%	105%	105%	100%	110%	
	seqscan	master	i5		cycle	5	1	1000000	181.7	181.5	181.7	185.4	201.7	356.3	182.4	181.2	181.2	184.5	201.7	328.4	100%	100%	100%	100%	100%	92%
								10000000	1736.8	1717.9	1714.9	1721.2	1751.9	1923.7	1718.0	1737.5	1738.0	1722.8	1745.4	1915.5	99%	101%	101%	100%	100%	100%
								50000000	15816.6	15700.3	15794.4	15755.0	16257.2	15831.4	15662.3	15691.5	15655.9	15751.4	16221.5	15835.8	99%	100%	99%	100%	100%	100%
							10	1000000	181.2	181.3	181.1	185.7	203.4		183.8	180.5	181.3	185.3	203.9		101%	100%	100%	100%	100%	
								10000000	1712.0	1716.1	1721.8	1719.1	1743.2	1903.6	1716.7	1719.3	1719.9	1726.7	1749.0	1980.6	100%	100%	100%	100%	100%	104%
								50000000	15965.3	15708.7	15750.0	15688.8	15579.3	16041.7	15677.9	15665.2	15684.4	15692.7	15664.6	16205.3	98%	100%	100%	100%	101%	101%
						10	1	1000000	163.4	160.4	162.6	166.9	202.6		163.7	162.7	163.6	167.1	199.6		100%	101%	101%	100%	99%	
								10000000	1524.7	1537.7	1538.3	1527.9	1580.2	1895.5	1536.0	1549.6	1512.1	1555.3	1576.1	1886.0	101%	101%	98%	102%	100%	99%
								50000000	15488.5	16203.6	16092.2	15415.4	15591.0	16110.3	15481.5	15525.6	15452.5	15493.1	15558.9	16835.1	100%	96%	96%	101%	100%	104%
							10	1000000	164.5	164.3	163.3	169.5			160.2	165.9	162.1	166.8			97%	101%	99%	98%		
								10000000	1554.2	1564.7	1532.1	1541.8	1587.7		1529.7	1523.0	1525.6	1542.4	1621.3		98%	97%	100%	100%	102%	
								50000000	15577.4	15567.7	15546.0	15478.5	15604.0	15839.6	15998.2	15511.7	15455.4	15522.9	16184.5	15963.4	103%	100%	99%	100%	104%	101%
						100	1	1000000	167.7	174.5	171.4	209.6			169.1	168.5	171.7	214.0			101%	97%	100%	102%		
								10000000	1614.6	1593.3	1625.1	1631.5	1987.3		1592.7	1610.9	1613.6	1629.5	1962.5		99%	101%	99%	100%	99%	
								50000000	17097.7	15491.3	15582.3	16003.3	15746.7	18727.4	15473.8	16023.9	16186.3	17426.5	15825.6	18818.4	91%	103%	104%	109%	101%	100%
							10	1000000	167.7	167.7	173.8				167.8	168.1	176.7				100%	100%	102%			
								10000000	1581.7	1630.4	1634.1	1633.1			1581.6	1579.6	1597.6	1644.0			100%	97%	98%	101%		
								50000000	15633.6	15707.5	15623.1	15621.6	16155.1		16104.3	15654.8	15605.1	16287.3	15954.2		103%	100%	100%	104%	99%	
					random	5	1	1000000	181.1	182.2	184.0	185.2	206.5	343.0	181.3	182.6	182.4	189.4	204.3	355.6	100%	100%	99%	102%	99%	104%
								10000000	1718.8	1719.4	1720.4	1726.1	1768.4	1950.7	1715.0	1725.4	1720.6	1716.2	1754.4	1934.6	100%	100%	100%	99%	99%	99%
								50000000	16144.3	16372.4	15741.8	15748.8	15786.0	15846.1	15732.8	15983.1	15782.5	16751.0	16940.4	16711.7	97%	98%	100%	106%	107%	105%
							10	1000000	181.3	184.2	182.3	186.7	217.2		181.5	181.5	191.0	187.9	217.0		100%	99%	105%	101%	100%	
								10000000	1715.9	1737.0	1725.8	1728.6	1753.4	1933.9	1712.5	1772.2	1722.5	1719.7	1780.7	1932.7	100%	102%	100%	99%	102%	100%
								50000000	15749.9	15692.6	15708.9	15837.7	15705.8	15913.3	15688.4	15633.5	15983.5	15724.8	16780.9	15878.2	100%	100%	102%	99%	107%	100%
						10	1	1000000	171.7	164.0	170.6	172.4	207.2		162.7	163.0	164.4	169.4	214.2		95%	99%	96%	98%	103%	
								10000000	1512.0	1553.5	1529.0	1595.9	1598.6	1938.9	1518.9	1527.2	1512.4	1511.6	1607.4	1932.7	100%	98%	99%	95%	101%	100%
								50000000	15829.8	15364.2	15450.6	15436.7	15670.6	16064.4	15545.6	15612.2	15546.6	16258.1	15571.2	16195.2	98%	102%	101%	105%	99%	101%
							10	1000000	167.1	165.2	164.3	171.0			162.2	163.5	164.5	175.1			97%	99%	100%	102%		
								10000000	1578.7	1531.7	1554.3	1538.3	1583.7		1541.9	1538.6	1504.4	1550.4	1596.6		98%	100%	97%	101%	101%	
								50000000	15530.3	15907.1	15479.3	16771.1	16560.2	16186.4	15496.3	15516.5	15465.0	15572.6	15495.0	16432.0	100%	98%	100%	93%	94%	102%
						100	1	1000000	170.4	167.8	180.2	212.4			170.4	174.0	177.7	213.6			100%	104%	99%	101%		
								10000000	1621.9	1580.7	1647.5	1645.9	1992.3		1649.3	1585.4	1648.7	1640.9	2001.4		102%	100%	100%	100%	100%	
								50000000	15613.5	15609.2	15561.2	15978.8	16201.4	18807.0	15529.4	15528.8	15607.4	15717.3	16203.3	18941.0	99%	99%	100%	98%	100%	101%
							10	1000000	168.5	171.2	173.2				170.0	175.5	177.2				101%	103%	102%			
								10000000	1597.0	1631.9	1767.9	1651.9			1557.7	1626.5	1585.5	1629.6			98%	100%	90%	99%		
								50000000	16907.1	15480.9	15579.6	15646.3	15918.9		17643.9	15763.3	15636.9	16829.3	15917.2		104%	102%	100%	108%	100%	
					sequential	5	1	1000000	182.3	185.0	181.3	183.4	198.9	348.2	181.0	181.0	182.9	182.8	199.1	348.8	99%	98%	101%	100%	100%	100%

					10000000	1715.8	1717.8	1718.7	1722.7	1732.9	1885.4	1719.2	1718.6	1740.8	1755.1	1746.6	1889.1	100%	100%	101%	102%	101%	100%
					50000000	16558.8	15745.6	15736.4	15717.3	15784.4	15897.8	15824.5	15714.7	16588.2	15735.9	16683.9	15882.9	96%	100%	105%	100%	106%	100%
				10	1000000	183.1	181.2	181.4	184.0	201.5		184.3	180.9	182.3	182.8	199.3		101%	100%	100%	99%	99%	
					10000000	1747.6	1714.3	1753.6	1731.4	1733.6	1854.2	1715.2	1721.0	1746.7	1722.4	1734.3	1879.2	98%	100%	100%	99%	100%	101%
					50000000	15707.9	15673.4	15733.3	15684.5	15779.9	15947.3	15709.1	15699.8	15821.8	15685.0	15762.8	16689.9	100%	100%	101%	100%	100%	105%
			10	1	1000000	160.3	152.2	157.3	158.3	187.3		161.8	152.7	155.6	156.0	188.3		101%	100%	99%	99%	101%	
					10000000	1514.7	1447.0	1452.6	1415.5	1458.4	1757.2	1535.8	1428.4	1457.0	1456.0	1468.7	1775.3	101%	99%	100%	103%	101%	101%
					50000000	15546.6	15425.5	15513.9	15343.5	15470.3	16065.7	16539.4	15560.2	15519.7	15413.9	15476.8	15700.9	106%	101%	100%	100%	100%	98%
				10	1000000	162.1	152.6	155.2	155.7			163.1	154.1	157.9	155.0			101%	101%	102%	100%		
					10000000	1546.0	1430.5	1428.7	1465.4	1468.1		1533.4	1450.3	1425.3	1432.7	1471.3		99%	101%	100%	98%	100%	
					50000000	15484.6	15444.0	15426.1	15334.4	15468.8	16203.0	15532.9	15377.9	15456.8	15774.5	15433.8	15813.1	100%	100%	100%	103%	100%	98%
			100	1	1000000	169.2	158.9	162.5	196.8			169.6	156.9	164.4	191.2			100%	99%	101%	97%		
					10000000	1585.7	1567.7	1471.7	1519.1	1850.8		1607.6	1516.7	1535.0	1550.4	1808.2		101%	97%	104%	102%	98%	
					50000000	15577.3	15491.4	15442.3	15561.9	16064.5	22459.1	15578.0	15564.9	15558.6	15607.0	15693.3	22403.6	100%	100%	101%	100%	98%	100%
				10	1000000	166.8	158.2	162.6				170.4	161.6	160.3				102%	102%	99%			
					10000000	1594.9	1558.0	1593.8	1518.4			1567.9	1505.1	1696.3	1548.8			98%	97%	106%	102%		
					50000000	15528.6	15573.5	15539.7	15670.4	16001.8		15546.9	16392.5	15485.8	15451.0	16020.0		100%	105%	100%	99%	100%	
	xeon	cycle	5	1	1000000	196.5	202.0	196.8	198.1	225.2	473.8	194.1	197.3	196.7	199.3	225.1	477.3	99%	98%	100%	101%	100%	101%
					10000000	1841.2	1841.6	1846.6	1868.3	1880.4	2117.6	1845.2	1840.2	1842.0	1833.9	1877.8	2127.4	100%	100%	100%	98%	100%	100%
					100000000	18301.4	19827.7	18471.1	19500.5	19677.3	18814.1	18467.9	18267.6	18457.8	18320.4	18558.2	18886.4	101%	92%	100%	94%	94%	100%
				10	1000000	197.0	196.0	198.8	198.9	224.5		196.8	193.8	196.8	199.7	224.6		100%	99%	99%	100%	100%	
					10000000	1836.8	1823.4	1847.6	1827.3	1872.5	2268.6	1861.2	1829.2	1829.4	1836.3	1868.3	2141.7	101%	100%	99%	100%	100%	94%
					100000000	18277.0	18442.7	18463.3	18298.4	18466.4	18786.4	18755.4	18498.8	18549.5	18291.2	18488.2	18771.1	103%	100%	100%	100%	100%	100%
			10	1	1000000	187.2	184.4	189.4	191.8	239.2		185.3	184.4	196.3	201.2	235.8		99%	100%	104%	105%	99%	
					10000000	1751.1	1716.2	1731.3	1732.3	1818.2	2478.4	1739.1	1797.9	1732.0	1758.4	1822.9	2573.9	99%	105%	100%	102%	100%	104%
					100000000	17685.2	17634.1	18231.8	17591.8	17745.3	18134.8	17427.1	17637.4	17475.2	17547.4	17676.4	18677.6	99%	100%	96%	100%	100%	103%
				10	1000000	187.9	183.5	188.5	193.2			189.2	186.6	187.5	193.7			101%	102%	99%	100%		
					10000000	1758.2	1746.9	1754.9	1764.6	1796.2		1712.2	1752.5	1713.8	1777.2	1801.1		97%	100%	98%	101%	100%	
					100000000	17438.7	17324.2	17172.5	17561.7	17517.4	18795.4	17267.9	17652.6	17923.1	17685.2	17679.9	18013.8	99%	102%	104%	101%	101%	96%
			100	1	1000000	192.2	189.6	197.3	241.7			191.7	193.0	198.6	242.8			100%	102%	101%	100%		
					10000000	1798.5	1806.9	1794.7	1869.3	2318.2		1776.2	1807.4	1810.1	1821.8	2326.9		99%	100%	101%	97%	100%	
					100000000	18539.4	18584.6	17790.6	18146.0	19131.4	27182.7	17997.0	18335.8	18307.6	17984.7	19950.6	26871.0	97%	99%	103%	99%	104%	99%
				10	1000000	191.5	191.4	200.8				189.7	191.1	196.0				99%	100%	98%			
					10000000	1784.1	1825.9	1794.2	1879.5			1791.9	1856.9	1782.5	1858.1			100%	102%	99%	99%		
					100000000	18214.1	17980.3	18541.1	18732.2	19081.8		18485.5	18001.4	18238.8	18292.4	18844.2		101%	100%	98%	98%	99%	
		random	5	1	1000000	195.8	197.4	199.9	198.9	226.5	416.8	198.7	198.7	198.4	200.1	229.3	412.7	101%	101%	99%	101%	101%	99%
					10000000	1829.8	1824.9	1834.5	1851.9	1877.5	2143.3	1830.9	1827.7	1831.4	1859.9	1885.5	2169.2	100%	100%	100%	100%	100%	101%
					100000000	18535.6	18559.8	19604.0	19670.0	18996.2	18679.4	18396.8	18341.0	18290.3	18431.1	18469.0	18907.2	99%	99%	93%	94%	97%	101%
				10	1000000	197.2	196.5	199.3	199.4	225.1		195.5	197.1	195.1	200.9	224.7		99%	100%	98%	101%	100%	
					10000000	1830.1	1837.1	1852.2	1847.6	1880.7	2099.5	1826.4	1836.2	1830.6	1850.3	1875.8	2110.5	100%	100%	99%	100%	100%	101%
					100000000	18386.0	18277.9	18297.4	18478.9	18559.7	18767.7	18326.3	18267.4	18316.9	18484.0	19039.5	18934.0	100%	100%	100%	100%	103%	101%
			10	1	1000000	189.3	187.6	182.8	195.5	239.4		184.6	184.1	186.9	197.5	241.4		98%	98%	102%	101%	101%	
					10000000	1726.1	1756.1	1756.5	1748.0	1819.9	2475.8	1759.4	1719.0	1721.9	1823.2	1849.7	2252.0	102%	98%	98%	104%	102%	91%
					100000000	17277.2	17530.0	17354.1	17683.4	17931.2	18553.8	17419.7	17595.1	17611.2	17415.5	17652.0	18529.4	101%	100%	101%	98%	98%	100%
				10	1000000	188.5	186.1	190.2	194.2			184.5	185.6	188.5	196.3			98%	100%	99%	101%		
					10000000	1734.6	1756.2	1735.2	1730.8	1807.8		1718.6	1755.1	1769.8	1730.3	1830.8		99%	100%	102%	100%	101%	
					100000000	17427.8	17396.0	17669.0	17437.9	17388.3	18197.1	17438.2	17562.8	18023.8	17257.4	17911.3	18260.3	100%	101%	102%	99%	103%	100%
			100	1	1000000	191.4	194.0	199.4	248.8			195.4	193.8	202.0	257.3			102%	100%	101%	103%		
					10000000	1781.5	1789.2	1798.2	1858.2	2446.9		1807.8	1792.4	1800.8	1868.6	2439.8		101%	100%	100%	101%	100%	
					100000000	17721.8	18686.3	18185.1	18032.8	18711.3	27100.3	18015.9	18093.0	18733.8	18550.8	20633.5	27369.3	102%	97%	103%	103%	110%	101%
				10	1000000	192.3	199.9	200.5				189.0	196.0	200.3				98%	98%	100%			
					10000000	1774.7	1791.7	1829.3	1983.0			1774.9	1859.4	1812.4	1919.8			100%	104%	99%	97%		
					100000000	18192.3	18499.6	17962.4	18369.0	18863.3		18589.3	17649.7	18356.4	18329.6	19636.3		102%	95%	102%	100%	104%	
		sequential	5	1	1000000	196.4	195.9	194.7	198.3	215.0	505.1	195.9	196.4	197.3	199.0	218.8	423.8	100%	100%	101%	100%	102%	84%
					10000000	1840.0	1826.9	1843.8	1835.1	1858.3	2072.4	1828.7	1849.0	1845.9	1832.0	1862.6	2051.6	99%	101%	100%	100%	100%	99%
					100000000	19673.9	19597.1	19672.3	19621.5	19193.4	18819.8	18538.7	18309.1	18610.8	18459.9	18348.3	18744.5	94%	93%	95%	94%	96%	100%
			10	1	1000000	195.3	196.5	195.4	200.1	215.6		195.8	196.6	195.1	198.3	218.2		100%	100%	100%	99%	101%	
					10000000	1850.7	1848.9	1824.8	1835.4	1860.7	2145.9	1828.8	1830.3	1835.3	1830.1	1848.8	2073.8	99%	99%	101%	100%	99%	97%
					100000000	18386.3	18488.8	18390.8	18683.6	18347.7	18665.6	18363.2	18283.7	18409.0	18278.9	18473.7	18710.9	100%	99%	100%	98%	101%	100%

				10	1	1000000	185.9	175.4	177.4	179.6	211.8		185.6	173.5	172.3	179.5	218.7		100%	99%	97%	100%	103%	
						10000000	1724.0	1614.1	1625.8	1629.0	1659.3	1998.7	1795.3	1630.4	1629.8	1632.5	1644.2	2000.9	104%	101%	100%	100%	99%	100%
						100000000	17714.1	16806.6	16088.4	16218.2	16122.3	16713.4	17643.6	16627.5	16727.8	16398.8	16652.9	16934.2	100%	99%	104%	101%	103%	101%
					10	1000000	187.8	173.2	174.0	178.0			186.9	176.1	173.2	176.1			100%	102%	100%	99%		
						10000000	1723.1	1694.5	1643.0	1617.5	1652.4		1749.2	1634.6	1606.4	1645.3	1644.7		102%	96%	98%	102%	100%	
						100000000	17458.3	16525.1	16293.8	16588.4	16257.0	16730.7	17187.7	16233.6	16860.4	15982.5	16078.4	17429.4	98%	98%	103%	96%	99%	104%
				100	1	1000000	190.8	181.1	188.7	236.4			186.8	183.7	183.6	218.8			98%	101%	97%	93%		
						10000000	1850.9	1708.3	1680.9	1705.3	2346.3		1842.4	1697.2	1809.6	1701.8	2177.8		100%	99%	108%	100%	93%	
						100000000	17812.1	16841.8	16788.4	17339.5	17719.5	23746.3	18013.5	16806.2	16810.5	16747.2	16987.4	23557.5	101%	100%	100%	97%	96%	99%
					10	1000000	190.7	189.4	188.2				195.6	185.3	194.2				103%	98%	103%			
						10000000	1827.3	1734.5	1745.1	1700.2			1800.7	1721.2	1706.9	1823.2			99%	99%	98%	107%		
						100000000	18235.7	16615.8	17083.0	18044.2	17544.8		18336.5	17322.0	16620.8	16796.1	17662.9		101%	104%	97%	93%	101%	
	patched	i5	cycle	5	1	1000000	179.0	179.8	179.8	186.1	203.9	358.6	180.1	179.4	179.8	187.4	202.5	359.0	101%	100%	100%	101%	99%	100%
						10000000	1696.1	1732.6	1694.1	1732.9	1741.3	1920.3	1728.6	1713.1	1700.7	1703.5	1764.3	1937.9	102%	99%	100%	98%	101%	101%
						50000000	15690.6	15709.8	15725.6	15545.9	15639.9	15896.6	15684.4	15808.7	15701.5	15662.9	15768.5	15864.3	100%	101%	100%	101%	101%	100%
					10	1000000	179.5	179.7	179.6	183.2	204.1		180.1	182.2	180.4	184.9	207.9		100%	101%	100%	101%	102%	
						10000000	1701.0	1709.1	1755.5	1705.5	1745.4	1951.2	1707.8	1704.6	1701.5	1749.7	1773.8	1927.9	100%	100%	97%	103%	102%	99%
						50000000	15660.4	15574.6	15676.2	15747.2	15947.0	16889.0	15615.1	15783.7	16396.1	15733.9	15729.9	15782.8	100%	101%	105%	100%	99%	93%
				10	1	1000000	162.9	161.1	160.7	167.4	198.6		164.3	160.8	159.9	169.0	199.4		101%	100%	99%	101%	100%	
						10000000	1517.9	1496.7	1514.8	1551.5	1599.2	1890.0	1523.1	1520.8	1507.6	1551.6	1554.0	1888.7	100%	102%	100%	100%	97%	100%
						50000000	15468.6	15482.3	15463.7	15498.3	15556.7	16051.0	15376.3	15433.0	15413.1	15528.5	15946.3	15830.8	99%	100%	100%	100%	103%	99%
					10	1000000	158.1	163.6	161.9	168.0			161.0	162.1	161.0	167.1			102%	99%	99%	99%		
						10000000	1509.4	1520.4	1519.5	1521.6	1558.7		1531.9	1515.0	1501.5	1540.7	1596.6		101%	100%	99%	101%	102%	
						50000000	15446.9	15477.0	15372.5	16004.8	15480.7	15668.4	15477.7	15429.4	15466.4	15468.1	15633.8	16242.6	100%	100%	101%	97%	101%	104%
				100	1	1000000	168.9	167.4	174.1	206.8			169.5	172.9	173.9	213.5			100%	103%	100%	103%		
						10000000	1584.4	1568.2	1568.4	1633.5	1975.6		1584.8	1567.4	1592.0	1619.0	1960.0		100%	100%	102%	99%	99%	
						50000000	15510.0	15574.5	16311.3	15557.8	16702.9	18456.9	15532.0	16171.9	17499.1	15566.2	15926.1	21947.6	100%	104%	107%	100%	95%	119%
					10	1000000	167.6	165.7	173.8				167.7	170.5	174.5				100%	103%	100%			
						10000000	1588.5	1574.4	1565.4	1673.4			1677.9	1569.6	1598.0	1635.3			106%	100%	102%	98%		
						50000000	15663.1	15474.2	15562.9	15555.0	16255.3		15620.8	15664.7	15466.4	16519.8	16136.9		100%	101%	99%	106%	99%	
			random	5	1	1000000	179.8	179.6	181.0	185.8	205.2	342.1	180.1	178.8	180.6	185.6	203.8	359.5	100%	100%	100%	100%	99%	105%
						10000000	1704.8	1712.5	1705.9	1710.9	1773.8	1954.1	1703.3	1700.1	1702.0	1716.2	1779.5	1935.7	100%	99%	100%	100%	100%	99%
						50000000	15647.4	15543.3	16094.1	16253.5	15863.9	15883.8	15773.6	15598.5	15983.7	15717.3	15673.6	16091.7	101%	100%	99%	97%	99%	101%
					10	1000000	179.4	179.5	180.9	183.0	203.1		179.8	179.3	179.7	184.5	205.6		100%	100%	99%	101%	101%	
						10000000	1720.1	1712.1	1708.1	1712.9	1755.7	1956.8	1693.9	1706.6	1704.1	1709.0	1738.3	1957.7	98%	100%	100%	100%	99%	100%
						50000000	16488.0	15688.0	15636.4	15726.5	15734.2	16024.6	15712.7	15694.6	15653.6	15625.2	15776.8	16107.0	95%	100%	100%	99%	100%	101%
				10	1	1000000	160.3	161.4	162.8	168.7	208.6		162.0	161.8	164.0	168.0	210.9		101%	100%	101%	100%	101%	
						10000000	1511.9	1505.7	1485.2	1540.2	1603.6	1960.3	1491.8	1524.6	1504.4	1561.4	1611.8	1990.2	99%	101%	101%	101%	101%	102%
						50000000	16096.1	15486.8	15511.4	15507.9	15532.1	16186.8	15488.8	16601.8	15518.4	15435.2	15622.9	16199.5	96%	107%	100%	100%	101%	100%
					10	1000000	159.8	162.4	160.8	168.9			160.0	162.3	160.2	168.9			100%	100%	100%	100%		
						10000000	1540.2	1515.5	1548.6	1533.0	1574.7		1511.2	1513.5	1506.3	1534.9	1589.0		98%	100%	97%	100%	101%	
						50000000	15448.6	17407.6	15505.8	16073.3	16203.2	15931.5	15538.0	15372.5	15457.0	15501.2	15592.6	16283.8	101%	88%	100%	96%	96%	102%
				100	1	1000000	173.5	169.7	175.8	216.8			168.6	174.8	179.2	221.6			97%	103%	102%	102%		
						10000000	1616.7	1654.2	1603.2	1651.3	2055.9		1627.8	1601.1	1593.4	1644.3	2030.1		101%	97%	99%	100%	99%	
						50000000	15530.4	15608.8	15622.7	15582.5	17993.9	18944.4	16574.2	16348.4	15479.6	15689.9	17702.3	18891.4	107%	105%	99%	101%	98%	100%
					10	1000000	166.0	167.6	174.9				169.9	168.3	172.6				102%	100%	99%			
						10000000	1553.5	1596.0	1598.9	1722.3			1567.1	1597.3	1582.8	1644.1			101%	100%	99%	95%		
						50000000	15595.3	15475.9	15603.8	15522.7	15924.4		15492.7	15751.3	16526.5	15676.0	15855.8		99%	102%	106%	101%	100%	
			sequential	5	1	1000000	179.3	179.4	181.6	181.6	196.5	349.4	179.2	183.5	179.4	183.5	196.5	322.4	100%	102%	99%	101%	100%	92%
						10000000	1694.6	1705.3	1706.5	1700.3	1717.1	1871.7	1699.3	1699.1	1723.1	1721.7	1728.9	1874.4	100%	100%	101%	101%	101%	100%
						50000000	15636.9	15770.0	15671.3	15632.2	16055.1	16554.7	15721.9	15715.5	17176.4	15654.3	15715.6	15876.9	101%	100%	110%	100%	98%	96%
					10	1000000	182.4	179.4	178.7	180.8	211.4		180.9	181.3	182.0	182.6	196.5		99%	101%	102%	101%	93%	
						10000000	1705.2	1699.9	1700.7	1731.3	1713.6	1871.8	1691.0	1699.7	1700.6	1710.5	1742.8	1884.6	99%	100%	100%	99%	102%	101%
						50000000	15597.1	15955.9	15710.6	15611.0	15689.9	15841.7	15770.7	15992.6	15631.6	15692.3	15803.5	15946.1	101%	100%	99%	101%	101%	101%
				10	1	1000000	161.7	153.6	152.1	158.5	187.4		162.2	151.9	151.8	155.7	188.1		100%	99%	100%	98%	100%	
						10000000	1493.2	1421.7	1417.9	1465.1	1452.6	1759.3	1533.9	1432.4	1414.3	1441.2	1531.6	1754.9	103%	101%	100%	98%	105%	100%
						50000000	15576.3	15326.1	15592.3	15438.3	15752.3	16008.2	16354.7	15312.1	15269.6	15435.8	15531.5	15699.3	105%	100%	98%	100%	99%	98%
					10	1000000	160.0	154.3	151.4	157.6			160.5	151.7	152.2	158.3			100%	98%	101%	100%		
						10000000	1507.9	1418.0	1449.2	1443.0	1461.0		1513.3	1422.9	1435.7	1461.1	1445.9		100%	100%	99%	101%	99%	

				50000000	15487.0	15353.8	15355.6	15713.5	15377.4	15665.6	15476.5	15255.3	15392.3	15432.6	15470.5	15905.5	100%	99%	100%	98%	101%	102%
		100	1	1000000	167.3	157.0	165.4	197.1			166.7	160.1	162.4	199.5			100%	102%	98%	101%		
				10000000	1655.8	1481.4	1469.5	1503.8	1895.0		1632.8	1499.5	1587.1	1566.2	1813.5		99%	101%	108%	104%	96%	
				50000000	15973.9	15415.8	15522.4	15433.9	15694.2	22021.0	15576.8	15398.7	15595.6	15465.6	16054.1	18714.7	98%	100%	100%	100%	102%	85%
			10	1000000	166.1	159.7	161.3				166.6	158.1	161.0				100%	99%	100%			
				10000000	1560.6	1470.2	1498.8	1484.8			1598.4	1484.9	1509.8	1522.8			102%	101%	101%	103%		
				50000000	15615.5	15650.4	15527.3	15439.6	16061.9		15542.6	15503.8	15544.6	15474.4	16025.7		100%	99%	100%	100%	100%	
xeon	cycle	5	1	1000000	194.4	196.7	195.6	198.8	221.8	525.4	195.1	196.4	194.9	199.5	224.1	403.1	100%	100%	100%	100%	101%	77%
				10000000	1818.0	1809.5	1831.1	1842.7	1860.2	2246.1	1823.4	1826.8	1870.6	1824.6	1856.7	2270.3	100%	101%	102%	99%	100%	101%
				100000000	18430.0	18158.2	18313.1	18582.7	18377.5	18855.6	18860.3	18432.0	18188.0	18417.5	18334.3	18505.5	102%	102%	99%	99%	100%	98%
			10	1000000	193.2	195.7	195.9	198.1	224.0		194.3	197.6	196.9	197.5	224.6		101%	101%	101%	100%	100%	
				10000000	1826.8	1831.7	1839.1	1826.2	1865.7	2106.6	1818.3	1814.6	1839.8	1852.1	1857.1	2158.0	100%	99%	100%	101%	100%	102%
				100000000	18369.1	18116.5	18352.0	18260.3	18552.4	18715.8	18487.8	18184.4	18305.0	18181.9	18343.4	18510.2	101%	100%	100%	100%	99%	99%
		10	1	1000000	189.2	187.7	188.8	196.8	245.0		190.0	186.4	188.0	192.6	238.2		100%	99%	100%	98%	97%	
				10000000	1757.7	1737.4	1731.5	1749.4	1791.2	2537.5	1767.8	1717.2	1750.1	1765.1	1838.3	2517.4	101%	99%	101%	101%	103%	99%
				100000000	17302.9	17817.5	17630.5	17656.2	17586.5	18401.8	17615.5	17311.4	17554.9	17715.0	17831.7	18453.8	102%	97%	100%	100%	101%	100%
			10	1000000	185.0	189.7	188.2	191.2			188.2	188.5	192.1	194.0			102%	99%	102%	101%		
				10000000	1765.0	1756.9	1773.5	1737.6	1845.1		1764.2	1759.1	1780.0	1724.8	1832.5		100%	100%	100%	99%	99%	
				100000000	17578.3	17812.8	17779.0	17291.2	18238.4	18192.5	17656.7	17530.5	17615.0	17697.0	17571.9	18480.5	100%	98%	99%	102%	96%	102%
		100	1	1000000	195.2	205.5	199.4	236.3			199.6	204.1	200.6	245.3			102%	99%	101%	104%		
				10000000	1834.7	1833.2	1812.7	1878.4	2567.9		1874.2	1893.8	1853.9	1877.0	2613.4		102%	103%	102%	100%	102%	
				100000000	18210.9	18262.9	18673.6	18411.3	19016.0	26089.4	18232.1	18405.7	18305.2	18067.0	19534.5	26088.4	100%	101%	98%	98%	103%	100%
			10	1000000	193.7	193.5	216.7				192.2	200.2	197.0				99%	103%	91%			
				10000000	1934.6	1839.5	1858.4	1895.2			1837.2	1795.5	1921.1	1989.6			95%	98%	103%	105%		
				100000000	18220.4	18055.2	17980.6	18315.5	18764.1		18400.3	18467.9	18318.9	19180.2	20454.8		101%	102%	102%	105%	109%	
	random	5	1	1000000	195.1	197.7	193.3	199.7	227.5	410.7	196.0	195.3	194.5	198.4	223.8	530.4	100%	99%	101%	99%	98%	129%
				10000000	1841.9	1857.3	1822.3	1847.9	1877.1	2119.4	1838.3	1827.0	1842.9	1858.9	1877.2	2142.8	100%	98%	101%	101%	100%	101%
				100000000	18319.3	18196.9	18311.7	18366.8	18337.8	18931.1	18403.4	18278.6	18222.1	18370.6	18500.6	18651.0	100%	100%	100%	100%	101%	99%
			10	1000000	194.2	195.7	195.2	198.2	225.4		199.0	195.9	195.8	197.7	223.0		102%	100%	100%	100%	99%	
				10000000	1845.4	1839.5	1817.2	1846.1	1863.9	2134.4	1846.4	1839.9	1829.9	1846.1	1876.0	2278.4	100%	100%	101%	100%	101%	107%
				100000000	18373.8	18333.9	18290.2	18299.8	18678.5	18759.7	18313.2	18702.0	18287.6	18312.9	18463.0	18786.5	100%	102%	100%	100%	99%	100%
		10	1	1000000	186.1	184.5	185.3	191.0	240.2		185.5	185.3	191.6	198.2	241.6		100%	100%	103%	104%	101%	
				10000000	1752.8	1757.1	1751.4	1744.5	1838.4	2312.0	1761.8	1764.6	1717.9	1788.8	1819.7	2300.8	101%	100%	98%	103%	99%	100%
				100000000	17504.9	17258.9	17816.8	17510.1	17859.5	18671.1	17733.9	17590.6	18079.6	17453.6	18131.6	18650.1	101%	102%	101%	100%	102%	100%
			10	1000000	186.9	187.9	185.8	196.3			191.8	190.9	189.8	194.9			103%	102%	102%	99%		
				10000000	1760.4	1746.0	1777.8	1805.0	1854.9		1741.3	1760.1	1762.6	1755.1	1824.2		99%	101%	99%	97%	98%	
				100000000	17482.7	17634.2	17432.2	17226.9	17779.5	18827.1	17678.0	17214.4	17845.1	17602.5	18171.9	18425.6	101%	98%	102%	102%	102%	98%
		100	1	1000000	193.5	198.4	205.8	263.0			194.7	196.8	202.6	248.5			101%	99%	98%	94%		
				10000000	1829.8	1788.0	1835.7	1874.4	2600.8		1832.6	1844.8	1821.8	1976.4	2523.2		100%	103%	99%	105%	97%	
				100000000	18263.2	18143.7	18485.7	18363.8	19568.3	26504.0	17969.1	18006.8	18672.4	18351.5	18887.6	27247.5	98%	99%	101%	100%	97%	103%
			10	1000000	195.4	198.4	206.8				194.1	195.7	200.6				99%	99%	97%			
				10000000	1825.3	1848.6	1834.4	1989.2			1822.4	1803.0	1852.6	1944.5			100%	98%	101%	98%		
				100000000	18571.3	18114.5	18740.1	18408.5	18906.2		18334.6	18276.7	18158.9	18245.3	18910.2		99%	101%	97%	99%	100%	
	sequential	5	1	1000000	194.0	195.1	195.9	197.2	215.9	357.0	194.2	196.5	196.8	196.5	215.3	479.8	100%	101%	100%	100%	100%	134%
				10000000	1820.1	1850.5	1834.2	1829.9	1867.8	2115.7	1835.9	1817.4	1843.3	1820.7	1862.7	2164.6	101%	98%	100%	99%	100%	102%
				100000000	18504.4	18274.3	18263.6	18483.4	18356.0	18408.5	18380.9	18223.9	18674.8	18308.7	18221.9	18518.4	99%	100%	102%	99%	99%	101%
			10	1000000	194.3	196.0	194.1	196.5	216.5		196.6	195.1	197.2	197.2	215.7		101%	100%	102%	100%	100%	
				10000000	1828.7	1837.8	1834.7	1829.7	1851.1	2059.3	1829.5	1815.7	1822.7	1828.7	1862.7	2129.3	100%	99%	99%	100%	101%	103%
				100000000	18327.4	18186.0	18331.1	18467.1	18282.0	18473.0	18622.3	18243.5	18378.2	18304.5	18180.1	18530.4	102%	100%	100%	99%	99%	100%
		10	1	1000000	186.8	180.1	192.2	179.5	214.3		188.2	179.0	174.1	177.5	214.9		101%	99%	91%	99%	100%	
				10000000	1724.7	1637.4	1618.5	1644.4	1651.0	2199.1	1843.2	1617.3	1636.6	1617.9	1637.1	2192.2	107%	99%	101%	98%	99%	100%
				100000000	17175.8	16636.5	16275.0	16069.8	16296.2	16743.4	17798.4	16513.5	16447.6	16535.9	16367.3	16739.1	104%	99%	101%	103%	100%	100%
			10	1000000	185.0	177.4	173.8	177.2			185.9	176.4	175.0	177.9			100%	99%	101%	100%		
				10000000	1783.4	1636.7	1617.1	1601.7	1686.7		1769.6	1651.6	1642.8	1616.2	1660.5		99%	101%	102%	101%	98%	
				100000000	17737.5	16383.9	16363.5	16260.8	16045.3	16729.2	17748.5	16314.1	16137.0	16065.8	16175.4	16957.0	100%	100%	99%	99%	101%	101%
		100	1	1000000	193.5	187.0	186.4	245.9			194.7	180.2	187.8	221.3			101%	96%	101%	90%		
				10000000	1929.4	1698.7	1695.3	1712.9	2303.3		1801.6	1726.7	1713.6	1699.5	2302.1		93%	102%	101%	99%	100%	
				100000000	18011.6	17055.2	18169.3	16484.3	17210.2	24175.5	18152.9	17627.7	16698.6	16769.5	17175.7	24083.9	101%	103%	92%	102%	100%	100%
			10	1000000	193.2	184.0	182.7				199.3	185.8	181.4				103%	101%	99%			

								10000000	1802.7	1703.3	1727.6	1778.7			1801.2	1702.0	1685.1	1708.1			100%	100%	98%	96%		
								100000000	18366.8	17049.1	17264.6	17047.1	17248.8		18613.7	17204.4	17065.2	16479.1	17063.1		101%	101%	99%	97%	99%	
uncached	btree-saop	bitmapscan	master	i5	cycle	5	1	1000000	11.4	13.4	34.1	222.9	550.9	629.1	11.4	12.2	14.1	37.1	254.6	1022.2	100%	91%	41%	17%	46%	162%
								10000000	11.8	13.9	36.4	247.3	2065.1	4700.6	12.1	11.9	14.1	37.6	235.7	2143.2	102%	86%	39%	15%	11%	46%
								50000000	11.8	14.3	35.2	256.1	2060.1	21164.5	12.2	13.0	15.7	35.6	229.9	2171.3	104%	91%	45%	14%	11%	10%
							10	1000000	11.9	16.7	71.0	479.0	446.4		12.1	12.7	17.6	64.6	533.4		101%	76%	25%	13%	119%	
								10000000	11.9	16.7	63.1	590.1	4679.2	3691.8	11.7	12.8	17.4	62.4	514.4	4421.4	98%	77%	28%	11%	11%	120%
								50000000	12.3	17.3	66.4	655.0	4549.9	30833.4	12.7	13.2	19.2	63.1	485.8	4259.7	103%	77%	29%	10%	11%	14%
						10	1	1000000	11.8	14.5	46.5	282.2	512.9		11.8	11.9	15.4	41.3	299.7		100%	82%	33%	15%	58%	
								10000000	11.6	14.7	43.1	332.4	2635.8	4552.8	11.4	12.2	14.8	42.4	302.6	2712.5	99%	83%	34%	13%	11%	60%
								50000000	11.9	15.5	44.9	359.8	2814.9	29167.6	11.7	13.5	16.3	42.5	287.9	2714.2	98%	87%	36%	12%	10%	9%
							10	1000000	12.0	21.1	100.7	528.4			12.0	13.2	21.9	100.6			100%	62%	22%	19%		
								10000000	14.6	20.1	99.3	855.2	4844.5		11.9	13.4	22.2	103.7	877.2		81%	67%	22%	12%	18%	
								50000000	12.0	20.7	98.5	834.0	8297.0	30436.9	12.6	14.1	23.6	106.2	882.4	7350.0	105%	68%	24%	13%	11%	24%
						100	1	1000000	12.4	23.0	107.4	562.2			12.2	14.0	27.7	144.3			98%	61%	26%	26%		
								10000000	15.0	22.9	107.1	909.2	5251.1		12.3	13.5	27.7	146.8	1334.8		82%	59%	26%	16%	25%	
								50000000	13.5	22.4	105.2	932.9	9042.2	35551.6	13.9	14.9	31.1	149.3	1328.1	15848.4	103%	66%	30%	16%	15%	45%
							10	1000000	13.1	28.8	171.6				13.4	21.2	94.2				102%	74%	55%			
								10000000	14.2	29.0	165.3	1684.7			13.0	21.2	93.6	861.7			92%	73%	57%	51%		
								50000000	13.9	30.5	168.8	1646.8	13885.7		14.4	21.9	95.1	810.8	6795.1		103%	72%	56%	49%	49%	
					random	5	1	1000000	12.1	18.2	91.2	791.1	415.5	627.0	11.5	12.3	21.0	103.2	575.6	1013.2	95%	68%	23%	13%	139%	162%
								10000000	12.4	18.8	90.4	804.5	7265.5	3781.6	12.0	12.7	20.4	96.3	816.0	4578.5	96%	68%	23%	12%	11%	121%
								50000000	12.7	20.8	97.9	791.7	7626.2	37163.1	12.4	14.5	22.7	101.2	839.1	6602.3	98%	70%	23%	13%	11%	18%
							10	1000000	12.3	18.7	94.2	713.2	421.5		11.6	12.7	21.2	95.7	563.1		95%	68%	23%	13%	134%	
								10000000	13.1	19.1	96.4	789.8	6870.7	3928.8	11.9	13.3	22.1	99.1	817.7	4670.3	90%	70%	23%	13%	12%	119%
								50000000	12.7	20.5	90.9	792.6	7809.6	36182.1	12.3	14.8	21.8	99.1	867.2	6520.0	96%	72%	24%	13%	11%	18%
						10	1	1000000	12.8	26.8	171.8	848.0	412.6		11.6	13.7	29.0	182.6	737.5		91%	51%	17%	22%	179%	
								10000000	13.6	25.5	163.0	1665.7	7454.0	3670.7	12.3	15.8	29.6	190.1	1622.7	6182.8	90%	62%	18%	11%	22%	168%
								50000000	13.6	28.0	169.2	1571.9	15329.2	26448.7	13.0	16.1	33.2	185.9	1628.3	13050.2	96%	57%	20%	12%	11%	49%
							10	1000000	12.6	27.0	175.3	856.2			12.4	14.6	31.0	170.8			98%	54%	18%	20%		
								10000000	13.3	26.4	173.7	1664.8	7471.9		12.4	15.2	31.3	184.5	1542.2		93%	58%	18%	11%	21%	
								50000000	13.5	28.3	166.6	1610.1	15356.0	26528.2	13.4	15.7	33.0	182.6	1635.9	12955.6	100%	55%	20%	11%	11%	49%
						100	1	1000000	26.0	177.2	778.7	429.1			14.3	31.3	163.3	717.1			55%	18%	21%	167%		
								10000000	25.9	171.0	1585.8	7506.3	3692.8		13.8	31.2	184.2	1511.8	6418.1		53%	18%	12%	20%	174%	
								50000000	28.3	163.7	1554.1	15346.1	26476.0	24098.1	18.1	30.5	198.5	1621.7	13163.8	37700.4	64%	19%	13%	11%	50%	156%
							10	1000000	25.9	181.5	778.4				13.8	30.1	169.2				54%	17%	22%			
								10000000	27.6	169.7	1621.5	7495.5			14.5	30.6	183.0	1707.3			53%	18%	11%	23%		
								50000000	29.9	168.6	1568.5	15249.3	26499.9		16.0	32.0	184.4	1680.2	13282.7		54%	19%	12%	11%	50%	
					sequential	5	1	1000000	11.7	12.1	13.7	19.1	55.2	396.3	11.9	11.9	13.4	20.4	72.9	587.7	101%	98%	97%	107%	132%	148%
								10000000	12.1	11.8	14.6	19.0	55.4	394.0	11.8	12.2	13.5	22.1	70.0	577.9	97%	104%	92%	116%	126%	147%
								50000000	11.7	11.7	13.1	17.8	52.3	388.8	11.7	11.8	12.5	19.8	73.1	581.1	100%	101%	95%	111%	140%	149%
							10	1000000	12.0	12.6	16.2	23.4	62.7		12.2	12.2	13.4	20.1	72.3		102%	97%	82%	86%	115%	
								10000000	12.2	12.5	16.8	24.4	73.6	396.8	11.8	12.3	13.7	20.0	75.0	609.9	97%	99%	82%	82%	102%	154%
								50000000	12.0	12.4	14.4	22.9	62.1	401.4	12.0	11.8	13.7	19.7	73.1	579.9	100%	95%	95%	86%	118%	144%
						10	1	1000000	11.6	12.3	14.6	22.9	94.2		11.7	12.0	13.9	25.1	135.7		101%	97%	95%	109%	144%	
								10000000	11.8	12.8	15.4	22.9	92.4	772.9	11.9	12.0	13.8	25.5	135.9	1171.2	101%	94%	90%	111%	147%	152%
								50000000	11.6	12.3	16.1	23.5	89.9	760.8	12.1	13.0	13.7	25.1	124.9	1136.3	105%	105%	85%	107%	139%	149%
							10	1000000	12.4	13.2	17.7	32.2			12.3	11.9	15.6	26.5			99%	91%	88%	82%		
								10000000	12.6	13.0	18.9	34.0	113.1		12.5	12.4	14.4	27.3	133.8		99%	95%	76%	80%	118%	
								50000000	12.5	13.4	20.9	35.3	108.2	802.1	12.1	14.6	16.1	28.1	133.2	1170.9	97%	109%	77%	80%	123%	146%
						100	1	1000000	12.6	15.4	23.4	91.6			12.2	13.8	24.4	126.7			96%	90%	104%	138%		
								10000000	12.3	15.6	27.5	93.6	760.4		12.8	14.0	25.8	133.9	1149.8		104%	90%	94%	143%	151%	
								50000000	13.8	14.0	22.6	90.8	769.3	9946.3	12.7	14.0	25.1	125.7	1150.8	11228.1	92%	100%	111%	138%	150%	113%
							10	1000000	13.4	18.5	69.1				13.2	16.0	29.8				98%	87%	43%			
								10000000	13.3	19.0	69.1	230.6			13.3	15.9	28.3	155.8			100%	83%	41%	68%		
								50000000	14.0	17.5	67.6	230.8	982.0		13.5	17.4	28.0	154.5	1252.9		96%	99%	41%	67%	128%	
				xeon	cycle	5	1	1000000	12.6	15.9	29.9	135.7	414.4	597.7	12.1	14.9	16.3	31.3	158.3	740.0	96%	94%	55%	23%	38%	124%
								10000000	13.2	14.7	28.5	156.7	1185.2	3776.8	13.5	14.3	16.6	30.5	187.2	1533.4	102%	98%	58%	19%	16%	41%
								100000000	14.2	15.7	30.0	158.4	1423.2	11805.2	14.4	14.9	17.0	32.7	167.7	1834.3	101%	95%	57%	21%	12%	16%

					10	1000000	13.0	18.2	48.2	230.7	397.4		12.7	13.7	18.8	50.4	363.2		97%	76%	39%	22%	91%	
						10000000	14.0	15.8	49.3	339.5	2236.4	3620.3	14.5	13.4	16.9	47.5	369.0	2916.3	104%	84%	34%	14%	16%	81%
						100000000	14.6	18.0	47.9	350.3	3255.0	21659.1	14.2	15.0	20.1	51.8	326.6	3587.5	97%	84%	42%	15%	10%	17%
					10	1	1000000	12.2	14.9	33.8	150.9	419.2		12.3	13.6	17.5	36.6	218.5		101%	91%	52%	24%	52%	
							10000000	14.1	14.4	32.0	200.2	1383.1	4045.2	14.3	12.6	16.2	38.7	233.1	2096.2	101%	88%	51%	19%	17%	52%
							100000000	13.6	16.4	34.6	199.8	1861.8	14062.9	14.6	14.7	18.4	39.4	214.2	2305.6	107%	90%	53%	20%	12%	16%
						10	1000000	13.1	17.2	47.8	250.6			12.6	14.2	21.4	79.6			96%	83%	45%	32%		
							10000000	14.5	16.4	52.4	372.2	2428.8		14.2	13.6	19.7	84.0	651.7		98%	83%	38%	23%	27%	
							100000000	14.3	18.2	52.2	388.2	3520.0	23281.5	13.2	15.3	23.8	84.5	629.7	6325.0	92%	84%	46%	22%	18%	27%
					100	1	1000000	13.0	19.5	64.8	360.1			14.9	15.6	25.8	120.2			114%	80%	40%	33%		
							10000000	14.7	19.0	64.8	509.9	3663.4		13.7	15.0	24.8	123.2	1223.2		93%	79%	38%	24%	33%	
							100000000	14.5	19.1	65.0	517.3	4979.5	36295.3	14.2	16.0	28.1	126.1	1219.4	13158.6	98%	84%	43%	24%	24%	36%
						10	1000000	15.6	25.5	128.9				14.6	24.6	84.9				94%	97%	66%			
							10000000	14.2	25.3	126.4	1154.8			14.5	20.6	88.1	714.7			102%	82%	70%	62%		
							100000000	15.5	26.2	131.2	1135.6	10781.0		14.9	22.0	86.0	749.6	6801.7		96%	84%	65%	66%	63%	
				random	5	1	1000000	13.9	19.6	66.1	426.9	348.7	643.9	14.0	15.5	19.8	78.6	338.2	777.7	100%	79%	30%	18%	97%	121%
							10000000	13.1	18.9	66.0	563.0	3458.3	3109.0	13.9	14.2	19.3	79.3	599.9	3000.8	106%	75%	29%	14%	17%	97%
							100000000	14.4	19.5	69.0	561.9	5501.8	32959.9	14.7	15.2	20.2	76.7	580.8	5741.9	102%	78%	29%	14%	11%	17%
						10	1000000	14.9	19.2	69.6	424.4	348.6		14.5	15.7	19.6	82.3	341.9		98%	82%	28%	19%	98%	
							10000000	14.1	19.7	69.2	576.6	3446.1	3108.2	13.2	14.7	21.0	81.2	614.8	3116.7	94%	74%	30%	14%	18%	100%
							100000000	14.9	20.0	69.0	562.7	5499.3	33178.0	13.5	15.5	21.1	77.7	580.0	5750.0	91%	78%	31%	14%	11%	17%
					10	1	1000000	15.3	23.9	115.9	558.6	385.8		14.7	13.8	26.9	118.6	458.6		96%	58%	23%	21%	119%	
							10000000	14.7	25.5	118.8	1080.9	4827.8	3297.4	14.5	15.3	27.5	137.1	1042.6	4290.7	99%	60%	23%	13%	22%	130%
							100000000	15.2	28.0	124.8	1102.7	10769.1	46219.0	14.8	16.8	30.7	126.8	1268.1	10352.0	97%	60%	25%	11%	12%	22%
						10	1000000	13.7	22.8	121.6	598.8			13.8	14.4	29.4	120.8			100%	63%	24%	20%		
							10000000	15.5	25.0	121.2	1082.1	4856.3		13.5	16.2	27.9	142.1	1042.8		87%	65%	23%	13%	21%	
							100000000	16.5	27.0	124.2	1117.3	10777.4	46298.6	14.2	17.1	29.8	129.5	1280.3	10314.5	86%	63%	24%	12%	12%	22%
					100	1	1000000	24.8	126.6	518.5	373.5			15.9	30.4	114.3	557.3			64%	24%	22%	149%		
							10000000	24.8	123.6	1095.1	4852.0	3170.9		14.9	29.2	142.2	1032.8	4339.7		60%	24%	13%	21%	137%	
							100000000	28.2	126.4	1094.1	10725.6	46316.7	37161.9	15.8	29.9	123.8	1256.1	10230.7	46467.6	56%	24%	11%	12%	22%	125%
						10	1000000	25.3	124.2	507.2				16.2	28.7	115.1				64%	23%	23%			
							10000000	25.1	124.2	1093.2	4890.1			16.3	27.2	142.2	1059.2			65%	22%	13%	22%		
							100000000	28.1	124.4	1099.5	10796.0	46357.2		16.1	29.8	127.4	1293.1	10233.4		57%	24%	12%	12%	22%	
				sequential	5	1	1000000	14.8	14.5	14.3	18.3	56.5	403.6	13.7	14.5	14.6	18.0	62.3	480.7	93%	100%	102%	99%	110%	119%
							10000000	13.5	14.1	14.9	18.7	56.1	491.4	13.2	13.2	15.3	18.5	61.6	586.4	98%	93%	103%	99%	110%	119%
							100000000	14.0	12.7	16.0	21.2	56.2	457.0	14.9	14.4	15.9	19.8	63.0	516.9	107%	113%	99%	94%	112%	113%
						10	1000000	13.3	15.9	15.6	23.5	63.3		13.6	14.0	14.8	19.9	66.3		102%	88%	95%	85%	105%	
							10000000	13.7	15.4	15.2	21.6	60.1	452.0	13.6	14.1	13.2	19.8	64.9	547.6	99%	92%	87%	92%	108%	121%
							100000000	14.0	15.4	18.0	22.9	63.4	472.7	13.6	13.3	14.6	21.8	65.5	488.7	97%	86%	81%	95%	103%	103%
					10	1	1000000	13.2	13.8	15.6	23.9	98.9		13.6	13.6	14.9	25.4	106.9		103%	98%	95%	106%	108%	
							10000000	13.9	13.3	13.5	23.6	94.2	921.7	13.1	15.0	14.2	25.2	105.2	1057.0	94%	113%	105%	107%	112%	115%
							100000000	13.2	13.8	16.3	24.1	93.5	1040.6	13.4	14.1	16.2	24.8	108.0	1008.4	101%	103%	99%	103%	115%	97%
						10	1000000	13.8	15.2	18.3	32.8			14.1	14.6	15.6	27.2			102%	96%	85%	83%		
							10000000	13.0	16.1	17.1	32.1	109.0		13.6	15.2	14.5	27.6	114.4		104%	94%	85%	86%	105%	
							100000000	12.8	14.3	20.7	30.8	110.4	949.4	13.9	13.9	16.9	27.4	115.9	1155.8	109%	97%	82%	89%	105%	122%
					100	1	1000000	14.2	15.2	24.2	96.3			13.2	15.2	25.8	108.0			93%	100%	107%	112%		
							10000000	14.3	16.1	22.9	95.5	945.3		14.2	15.5	24.6	109.9	994.6		99%	97%	107%	115%	105%	
							100000000	14.9	15.6	25.1	95.2	1022.2	9278.3	13.9	15.4	24.8	107.0	1125.8	10626.0	93%	99%	99%	112%	110%	115%
						10	1000000	14.9	20.2	58.8				15.4	17.1	28.2				103%	84%	48%			
							10000000	15.7	19.3	52.3	182.9			15.5	17.5	25.6	135.5			99%	91%	49%	74%		
							100000000	13.9	19.3	54.0	185.4	1151.9		14.5	17.0	26.6	135.8	1218.2		104%	88%	49%	73%	106%	
	patched	i5		cycle	5	1	1000000	11.4	13.9	34.3	223.3	511.3	582.4	11.3	12.2	13.7	30.3	181.5	821.7	99%	88%	40%	14%	35%	141%
							10000000	11.8	13.4	32.9	246.7	2125.2	4767.4	11.3	12.1	13.8	30.9	179.6	2263.6	95%	90%	42%	13%	8%	47%
							50000000	11.6	14.7	35.7	265.9	2206.2	22151.5	11.6	12.7	16.9	34.7	225.6	1675.2	100%	87%	47%	13%	10%	8%
						10	1000000	11.9	16.4	71.2	509.2	388.9		11.7	12.1	16.4	52.6	377.7		98%	74%	23%	10%	97%	
							10000000	11.7	16.2	59.8	586.9	4893.0	3742.6	12.0	12.3	17.4	53.8	414.8	3426.2	103%	76%	29%	9%	8%	92%
							50000000	12.1	17.0	69.4	691.5	4703.0	32054.2	12.1	13.4	18.1	52.8	374.1	3218.8	100%	79%	26%	8%	8%	10%
					10	1	1000000	11.3	14.7	46.9	304.2	495.9		11.6	11.6	14.5	37.9	228.6		102%	79%	31%	12%	46%	
							10000000	12.0	14.5	42.0	353.7	2768.4	4653.0	11.6	12.2	15.0	35.6	227.5	2283.3	97%	84%	36%	10%	8%	49%

						50000000	12.0	16.7	46.2	378.7	2965.7	30614.8	12.0	13.2	16.5	41.5	244.3	2189.5	100%	79%	36%	11%	8%	7%
					10	1000000	12.1	19.9	102.4	578.6			11.5	12.8	20.5	81.5			95%	64%	20%	14%		
						10000000	12.3	19.8	108.5	925.6	5160.1		12.3	13.1	21.2	90.7	745.0		100%	66%	20%	10%	14%	
						50000000	12.7	21.1	103.1	909.2	8634.2	31984.4	12.3	14.1	20.7	82.8	686.5	6536.1	97%	67%	20%	9%	8%	20%
				100	1	1000000	11.9	22.9	111.6	607.5			12.3	13.4	24.0	132.1			104%	58%	22%	22%		
						10000000	15.5	22.6	108.2	972.3	5709.8		12.4	13.8	28.5	123.3	1138.6		80%	61%	26%	13%	20%	
						50000000	13.0	21.3	110.2	947.4	9273.6	36791.5	12.8	15.0	28.6	125.0	1089.9	13447.3	98%	70%	26%	13%	12%	37%
					10	1000000	13.5	28.8	176.7				12.8	20.8	77.5				95%	72%	44%			
						10000000	13.6	28.3	164.9	1651.8			14.6	20.5	74.1	622.1			107%	72%	45%	38%		
						50000000	14.0	28.5	172.4	1709.9	14724.1		13.6	22.0	75.8	821.6	6055.6		98%	77%	44%	48%	41%	
		random		5	1	1000000	11.8	17.9	92.9	748.1	406.3	594.6	11.9	12.3	18.9	73.9	479.1	861.5	101%	69%	20%	10%	118%	145%
						10000000	12.4	19.6	92.8	839.3	7123.8	3749.3	11.9	12.6	21.4	83.8	714.8	4671.3	96%	64%	23%	10%	10%	125%
						50000000	13.0	20.1	90.4	791.3	7921.4	39075.3	12.2	14.5	22.6	82.0	634.1	6491.7	94%	72%	25%	10%	8%	17%
					10	1000000	12.0	17.6	88.3	736.1	455.1		12.1	12.6	19.0	77.1	493.5		101%	71%	22%	10%	108%	
						10000000	13.3	17.9	85.6	776.9	7172.9	3769.1	11.8	12.7	19.3	79.7	632.1	3757.1	88%	71%	23%	10%	9%	100%
						50000000	12.3	19.4	89.9	787.4	7724.4	38032.7	12.7	13.8	20.5	77.9	827.7	5236.1	103%	71%	23%	10%	11%	14%
				10	1	1000000	12.6	24.8	173.4	807.1	444.9		11.8	12.9	26.8	160.8	568.1		94%	52%	15%	20%	128%	
						10000000	12.6	25.1	169.4	1594.5	7667.3	3627.8	12.1	14.7	26.9	143.8	1138.7	4920.8	96%	59%	16%	9%	15%	136%
						50000000	13.7	28.3	168.3	1562.0	16167.9	26782.7	12.7	15.9	32.5	143.1	1578.9	9981.0	93%	56%	19%	9%	10%	37%
					10	1000000	12.5	26.2	171.9	844.2			12.2	13.9	27.1	139.5			98%	53%	16%	17%		
						10000000	13.1	25.4	163.4	1604.9	7881.0		12.2	14.0	26.8	153.3	1157.2		93%	55%	16%	10%	15%	
						50000000	13.7	28.0	170.5	1576.8	16033.2	27239.6	13.0	15.3	28.2	141.3	1256.2	9947.0	95%	54%	17%	9%	8%	37%
				100	1	1000000	28.6	166.5	815.4	398.0			13.8	26.2	126.5	539.3			48%	16%	16%	136%		
						10000000	27.5	166.9	1639.6	7860.5	3681.0		14.0	26.0	160.4	1201.2	4819.9		51%	16%	10%	15%	131%	
						50000000	28.8	164.1	1497.6	16308.6	26881.7	23560.7	15.2	28.0	140.4	1624.7	9820.2	29549.2	53%	17%	9%	10%	37%	125%
					10	1000000	27.3	175.9	817.8				13.5	26.7	140.4				49%	15%	17%			
						10000000	26.2	160.9	1672.8	7865.5			13.9	29.2	156.7	1211.9			53%	18%	9%	15%		
						50000000	28.8	159.8	1530.5	16045.2	27430.8		16.2	27.3	161.7	1694.9	10279.4		56%	17%	11%	11%	37%	
		sequential		5	1	1000000	11.5	11.4	13.9	18.3	50.8	375.3	11.0	11.5	12.6	20.7	67.5	522.9	95%	101%	91%	113%	133%	139%
						10000000	11.8	12.2	15.0	17.9	61.5	388.9	11.5	12.1	12.7	17.8	59.6	582.1	97%	99%	85%	99%	97%	150%
						50000000	11.8	11.7	12.9	17.8	51.9	374.8	12.0	11.9	12.7	17.9	61.3	485.5	102%	102%	99%	100%	118%	130%
					10	1000000	11.6	12.3	17.2	23.0	60.8		11.6	11.8	12.9	19.1	76.8		100%	95%	75%	83%	126%	
						10000000	12.2	12.6	17.8	23.5	61.1	386.2	12.0	11.8	13.1	19.7	72.2	485.9	99%	94%	73%	84%	118%	126%
						50000000	12.0	12.3	15.0	21.8	59.4	391.3	11.9	12.0	13.2	20.5	65.3	577.7	99%	97%	88%	94%	110%	148%
				10	1	1000000	11.9	12.1	13.7	21.4	92.2		11.2	11.8	15.9	23.9	124.5		94%	98%	116%	112%	135%	
						10000000	11.7	13.1	13.8	21.7	86.8	734.4	12.1	11.8	13.0	24.4	106.2	950.5	103%	91%	94%	113%	122%	129%
						50000000	11.8	12.8	15.6	23.9	86.0	734.2	11.7	12.2	13.4	24.5	128.3	954.9	99%	95%	86%	102%	149%	130%
					10	1000000	12.1	13.1	18.1	32.9			12.1	11.7	15.5	25.6			100%	89%	86%	78%		
						10000000	12.7	13.1	19.3	34.5	107.3		12.2	12.8	13.2	25.2	113.5		96%	98%	69%	73%	106%	
						50000000	12.7	14.0	18.1	31.9	105.6	762.3	11.7	12.3	14.1	25.7	114.5	973.7	92%	88%	78%	81%	108%	128%
				100	1	1000000	12.7	15.1	21.8	91.2			12.7	13.2	24.2	123.8			100%	87%	111%	136%		
						10000000	12.4	14.2	23.8	89.7	741.9		11.8	13.8	23.7	108.6	968.2		95%	98%	100%	121%	131%	
						50000000	12.8	14.3	23.7	86.8	738.9	9728.8	12.9	13.6	25.1	127.9	951.4	10990.9	101%	95%	106%	147%	129%	113%
					10	1000000	12.7	18.0	72.5				14.7	15.0	26.3				116%	84%	36%			
						10000000	13.8	19.8	75.6	225.2			13.5	15.1	28.2	151.1			97%	76%	37%	67%		
						50000000	13.5	18.7	69.6	222.9	972.8		13.8	14.7	28.0	134.1	1041.7		102%	78%	40%	60%	107%	
	xeon	cycle		5	1	1000000	12.6	14.0	27.7	134.2	417.5	577.1	12.6	13.2	14.7	31.9	168.2	757.2	100%	94%	53%	24%	40%	131%
						10000000	13.3	14.4	28.4	156.9	1199.2	3733.3	13.2	12.7	16.3	29.5	184.0	1536.3	100%	88%	58%	19%	15%	41%
						100000000	14.5	14.8	29.8	159.6	1430.6	11849.9	14.8	13.6	18.5	31.7	163.5	1766.1	102%	92%	62%	20%	11%	15%
					10	1000000	12.5	17.3	45.0	229.1	392.4		13.0	14.8	16.7	51.2	362.3		104%	85%	37%	22%	92%	
						10000000	13.4	16.0	49.4	339.9	2224.9	3566.3	13.1	13.7	16.3	47.8	366.5	2793.2	98%	85%	33%	14%	16%	78%
						100000000	14.5	16.5	49.7	347.2	3247.5	21697.5	13.7	14.0	19.9	49.7	319.4	3479.2	94%	85%	40%	14%	10%	16%
				10	1	1000000	12.5	15.3	32.2	151.2	420.3		12.5	13.8	17.1	36.4	218.2		99%	90%	53%	24%	52%	
						10000000	14.1	14.8	31.6	198.3	1395.1	4063.8	14.4	14.1	16.1	36.9	231.4	2119.6	102%	95%	51%	19%	17%	52%
						100000000	14.2	16.9	35.5	200.7	1857.7	14025.5	13.4	14.5	16.3	37.8	214.0	2398.0	94%	85%	46%	19%	12%	17%
					10	1000000	12.6	17.6	51.2	249.5			13.9	14.7	19.8	79.6			110%	84%	39%	32%		
						10000000	14.8	17.4	52.6	366.7	2437.6		14.8	13.9	20.7	77.6	647.7		100%	80%	39%	21%	27%	
						100000000	13.7	19.1	50.7	383.3	3527.9	23380.6	13.9	15.8	22.7	79.9	627.4	6291.7	102%	83%	45%	21%	18%	27%
				100	1	1000000	15.8	19.7	64.3	360.7			13.3	14.2	26.3	122.6			84%	72%	41%	34%		

							10000000	15.1	19.6	64.3	505.2	3605.4		14.5	15.7	25.1	120.4	1205.3		96%	80%	39%	24%	33%	
							100000000	14.1	20.8	65.0	508.8	5008.7	36532.5	14.5	16.4	27.7	125.5	1238.4	12972.5	103%	79%	43%	25%	25%	36%
						10	1000000	14.1	25.0	131.0				14.4	21.3	84.9				102%	85%	65%			
							10000000	16.2	26.0	126.9	1163.9			15.8	21.5	88.4	714.9			98%	83%	70%	61%		
							100000000	15.1	27.5	130.6	1136.0	10805.1		15.3	24.1	83.2	749.2	6778.5		101%	88%	64%	66%	63%	
				random	5	1	1000000	14.7	18.4	69.0	432.7	361.2	579.7	13.6	13.7	20.0	74.8	340.4	773.9	93%	74%	29%	17%	94%	134%
							10000000	14.7	19.3	69.2	564.7	3455.2	3123.2	14.7	15.3	20.2	73.2	618.1	3143.7	100%	79%	29%	13%	18%	101%
							100000000	15.5	20.7	69.0	562.3	5482.8	32992.0	13.2	17.5	22.4	71.4	579.5	5787.8	85%	85%	33%	13%	11%	18%
						10	1000000	15.1	19.1	70.7	434.7	347.5		14.2	13.5	19.5	76.8	335.8		94%	71%	28%	18%	97%	
							10000000	14.3	20.5	68.3	561.6	3492.1	3168.4	14.8	15.0	20.6	76.7	614.0	3151.3	103%	73%	30%	14%	18%	99%
							100000000	15.0	20.1	70.7	560.3	5504.9	32970.4	15.4	15.1	23.8	72.8	582.8	5775.4	103%	75%	34%	13%	11%	18%
					10	1	1000000	14.9	23.4	119.0	573.4	368.5		14.1	14.3	26.4	118.3	466.3		95%	61%	22%	21%	127%	
							10000000	14.4	25.1	123.9	1078.5	4834.8	3220.0	14.6	15.7	27.1	140.4	1029.2	4333.8	101%	63%	22%	13%	21%	135%
							100000000	15.8	27.1	123.4	1100.9	10743.7	46288.4	15.3	17.0	29.8	123.5	1254.6	10182.3	97%	63%	24%	11%	12%	22%
						10	1000000	14.5	25.4	120.6	569.4			14.6	16.3	26.3	120.1			100%	64%	22%	21%		
							10000000	15.4	25.7	125.3	1091.1	4859.1		14.3	15.5	27.7	144.1	1026.0		93%	60%	22%	13%	21%	
							100000000	15.5	26.0	123.9	1097.5	10796.7	46174.2	15.2	15.8	28.0	126.0	1274.8	10322.0	98%	61%	23%	11%	12%	22%
					100	1	1000000	25.6	122.9	489.8	369.2			15.7	28.7	114.0	551.4			61%	23%	23%	149%		
							10000000	27.3	127.3	1087.5	4849.2	3292.5		16.5	26.7	139.7	1029.8	4299.3		60%	21%	13%	21%	131%	
							100000000	26.7	127.8	1099.6	10774.3	46425.9	37175.6	17.6	26.8	124.9	1265.0	10100.3	45751.0	66%	21%	11%	12%	22%	123%
						10	1000000	24.9	123.4	504.3				15.6	26.9	114.5				63%	22%	23%			
							10000000	25.7	124.3	1099.5	4878.5			16.7	26.9	140.4	1055.2			65%	22%	13%	22%		
							100000000	27.7	127.2	1098.8	10785.5	46568.5		18.0	28.2	125.2	1288.7	10250.3		65%	22%	11%	12%	22%	
				sequential	5	1	1000000	14.4	13.6	15.5	18.8	58.6	410.6	13.8	14.4	14.7	19.7	64.4	476.6	96%	106%	95%	105%	110%	116%
							10000000	13.5	14.5	13.7	19.4	56.1	466.8	13.7	14.4	13.9	20.2	62.1	574.7	101%	100%	101%	104%	111%	123%
							100000000	14.9	14.2	15.7	19.0	57.2	412.5	14.3	13.7	13.6	19.2	61.8	529.3	96%	96%	87%	101%	108%	128%
						10	1000000	14.6	15.5	15.9	22.3	63.1		14.0	14.7	14.7	21.4	66.8		96%	94%	93%	96%	106%	
							10000000	14.1	14.9	15.6	22.7	62.2	479.7	14.7	14.8	13.9	20.1	65.1	482.4	104%	99%	89%	89%	105%	101%
							100000000	14.6	14.6	17.4	22.2	61.8	469.8	13.4	14.0	15.6	20.2	64.9	484.9	92%	96%	90%	91%	105%	103%
					10	1	1000000	13.9	14.4	15.4	24.7	95.8		13.6	13.4	15.0	25.6	107.7		98%	93%	98%	103%	112%	
							10000000	13.9	14.1	15.1	24.8	94.6	1026.8	13.9	13.5	15.1	25.0	109.4	1029.2	100%	96%	100%	101%	116%	100%
							100000000	14.1	14.4	14.5	23.6	108.4	891.8	14.3	14.1	15.5	25.6	107.3	1054.2	102%	98%	107%	108%	99%	118%
						10	1000000	15.1	15.1	18.8	32.0			14.8	15.2	15.7	27.2			98%	100%	84%	85%		
							10000000	13.3	14.7	18.3	31.9	110.1		13.4	14.2	15.6	26.9	116.1		100%	97%	85%	84%	105%	
							100000000	13.8	15.0	18.8	32.8	109.9	1012.3	14.6	14.4	16.4	28.1	118.1	1131.9	106%	96%	87%	86%	107%	112%
					100	1	1000000	14.7	15.4	24.6	97.5			15.2	15.3	25.9	108.9			103%	99%	105%	112%		
							10000000	14.9	16.0	24.2	104.4	893.4		13.5	14.3	24.8	109.1	1039.6		91%	90%	103%	104%	116%	
							100000000	14.3	16.7	24.6	98.8	955.6	10052.3	13.8	16.0	25.5	109.1	920.7	11541.0	96%	96%	104%	110%	96%	115%
						10	1000000	16.3	20.1	61.0				15.2	16.4	28.0				93%	82%	46%			
							10000000	15.2	19.2	53.3	193.5			15.9	17.5	26.8	134.4			105%	91%	50%	69%		
							100000000	16.5	18.8	55.5	185.5	1138.0		16.3	16.8	28.0	135.0	1076.8		99%	89%	50%	73%	95%	
	indexscan	master	i5	cycle	5	1	1000000	11.6	13.5	29.2	198.8	1869.8	756.9	11.5	12.9	29.8	195.8	1838.2	717.4	99%	96%	102%	98%	98%	95%
							10000000	11.4	13.8	29.0	208.1	1851.6	18495.0	11.6	13.1	30.1	194.8	1833.6	18272.8	102%	95%	104%	94%	99%	99%
							50000000	11.7	14.1	33.7	197.6	1869.9	18431.7	11.8	14.2	31.0	201.3	1869.5	18386.8	101%	100%	92%	102%	100%	100%
						10	1000000	11.4	15.7	62.7	509.0	4316.7		11.7	16.5	62.7	504.9	4249.0		103%	105%	100%	99%	98%	
							10000000	11.9	16.6	60.1	503.4	4877.6	40693.3	13.9	16.5	63.3	503.8	5249.8	40547.4	116%	100%	105%	100%	108%	100%
							50000000	12.0	17.8	60.5	500.7	4808.5	46086.1	12.1	17.7	61.9	499.8	4789.9	46566.9	101%	99%	102%	100%	100%	101%
					10	1	1000000	11.5	13.6	33.9	236.9	2260.1		11.5	13.4	35.3	232.1	2254.5		100%	99%	104%	98%	100%	
							10000000	11.4	13.9	32.6	233.8	2234.8	22192.0	12.7	14.0	37.1	237.6	2284.1	21999.0	111%	101%	114%	102%	102%	99%
							50000000	11.9	15.7	36.6	234.7	2281.8	22164.7	11.6	15.2	41.3	235.2	2260.9	22177.5	97%	97%	113%	100%	99%	100%
						10	1000000	11.7	17.1	71.4	598.7			12.0	17.0	71.1	595.7			102%	99%	100%	99%		
							10000000	12.2	16.8	70.1	592.5	5822.1		11.9	17.1	69.8	604.7	5817.1		97%	102%	100%	102%	100%	
							50000000	12.2	18.6	70.2	591.6	5656.1	55061.7	12.6	18.7	71.1	599.0	5866.8	54897.3	103%	100%	101%	101%	104%	100%
					100	1	1000000	12.6	18.4	78.3	686.4			12.6	19.0	76.9	691.8			101%	103%	98%	101%		
							10000000	12.7	18.6	80.1	671.9	6902.0		14.9	19.3	84.2	697.9	6901.5		117%	104%	105%	104%	100%	
							50000000	12.7	19.5	81.7	712.9	6908.5	68940.0	13.6	20.1	81.0	720.0	6901.3	69274.9	107%	103%	99%	101%	100%	100%
						10	1000000	13.0	25.2	157.6				13.1	28.4	162.1				101%	113%	103%			
							10000000	13.5	23.8	155.8	1716.8			13.5	25.8	154.6	1749.6			100%	108%	99%	102%		
							50000000	14.2	23.2	157.7	1713.0	23450.6		14.3	23.5	159.9	1714.6	23550.3		100%	101%	101%	100%	100%	

		random	5	1	1000000	11.7	19.1	89.2	778.2	1102.0	734.9	11.9	18.0	92.1	785.4	1125.4	716.1	102%	94%	103%	101%	102%	97%
					10000000	12.3	18.8	87.9	766.3	7390.0	10499.7	12.7	18.8	88.8	783.0	7026.1	10385.9	103%	100%	101%	102%	95%	99%
					50000000	12.4	20.2	88.4	770.2	7646.8	61617.0	12.6	20.7	89.8	795.0	7720.5	62093.8	102%	102%	102%	103%	101%	101%
				10	1000000	12.5	18.0	90.0	772.2	1127.3		11.6	18.1	90.9	772.3	1145.2		93%	101%	101%	100%	102%	
					10000000	12.4	19.1	86.9	783.6	7156.0	10935.3	12.7	18.8	89.4	779.3	7219.8	10421.9	102%	99%	103%	99%	101%	95%
					50000000	12.0	19.9	92.1	791.0	7698.7	62195.1	12.3	21.1	95.2	782.6	7958.1	61870.9	102%	106%	103%	99%	103%	99%
			10	1	1000000	12.6	27.2	162.5	1381.4	1232.8		13.4	25.8	164.7	1397.5	1263.0		106%	95%	101%	101%	102%	
					10000000	13.3	25.2	159.0	1544.6	13072.2	11676.6	13.5	24.8	159.5	1584.3	14126.4	11770.6	102%	98%	100%	103%	108%	101%
					50000000	13.7	28.5	162.1	1536.2	15149.4	113784.0	13.7	26.9	164.4	1585.5	15122.9	114885.1	100%	95%	101%	103%	100%	101%
				10	1000000	13.0	26.9	164.2	1436.9			13.9	24.9	168.0	1378.8			107%	93%	102%	96%		
					10000000	13.2	27.3	168.3	1584.5	13319.8		13.4	26.1	166.4	1547.1	13233.9		101%	96%	99%	98%	99%	
					50000000	13.8	30.1	168.2	1583.5	15145.6	113128.6	13.6	29.0	164.1	1543.4	15100.8	113632.2	98%	96%	98%	97%	100%	100%
			100	1	1000000	24.5	168.8	1402.3	3411.6			27.0	165.2	1429.1	3405.5			110%	98%	102%	100%		
					10000000	26.3	165.0	1524.6	13817.2	32238.1		26.7	169.7	1536.2	13974.7	32540.1		102%	103%	101%	101%	101%	
					50000000	28.6	174.0	1527.6	15015.6	116349.8	1099138	28.6	165.3	1570.8	15055.7	115988.0	1099914	100%	95%	103%	100%	100%	100%
				10	1000000	27.0	166.2	1423.6				25.9	170.9	1405.6				96%	103%	99%			
					10000000	26.1	167.7	1533.7	13904.0			26.3	175.0	1528.6	14363.1			101%	104%	100%	103%		
					50000000	29.4	168.7	1551.3	15136.3	115765.5		29.4	180.2	1558.3	14987.0	116528.4		100%	107%	100%	99%	101%	
		sequential	5	1	1000000	11.4	11.5	12.8	20.7	57.1	391.1	12.2	11.8	13.5	19.0	52.0	390.9	108%	102%	105%	92%	91%	100%
					10000000	11.6	11.8	14.3	20.2	51.3	397.4	12.0	11.7	15.9	18.4	66.2	390.5	103%	99%	111%	91%	129%	98%
					50000000	12.1	11.8	13.4	18.6	66.5	393.2	11.6	12.0	12.8	19.3	66.0	392.7	95%	102%	96%	104%	99%	100%
				10	1000000	11.7	12.4	15.2	22.8	63.5		11.6	12.0	15.6	21.7	61.2		99%	97%	103%	95%	96%	
					10000000	12.5	12.4	14.5	23.4	59.8	403.3	12.2	12.6	15.7	25.0	77.2	414.4	98%	102%	108%	107%	129%	103%
					50000000	11.9	12.7	15.1	21.9	67.6	399.4	11.9	12.6	14.5	24.6	72.4	407.6	100%	99%	96%	112%	107%	102%
			10	1	1000000	11.4	12.5	14.2	23.0	90.9		11.6	12.0	14.3	21.4	95.0		102%	96%	101%	93%	104%	
					10000000	11.4	12.0	14.2	23.2	94.4	774.9	11.9	12.2	15.7	21.8	91.0	766.1	104%	102%	110%	94%	96%	99%
					50000000	11.5	12.5	13.6	22.3	90.3	769.8	12.0	13.0	15.2	24.6	90.8	764.4	104%	104%	112%	110%	101%	99%
				10	1000000	12.3	13.0	17.2	33.1			12.3	12.5	19.1	31.8			100%	97%	111%	96%		
					10000000	12.4	12.7	17.2	34.7	111.0		13.4	12.8	18.7	34.9	108.3		108%	101%	108%	101%	98%	
					50000000	12.4	13.0	17.5	34.3	111.5	811.6	12.6	12.7	20.1	35.8	108.0	789.2	101%	98%	115%	104%	97%	97%
			100	1	1000000	12.4	13.8	23.1	91.2			12.4	14.1	22.6	92.9			100%	102%	98%	102%		
					10000000	12.8	13.9	21.8	93.4	769.7		12.2	14.9	25.2	93.6	762.6		95%	107%	116%	100%	99%	
					50000000	13.3	14.8	24.1	122.4	780.7	9846.8	13.5	13.9	24.0	121.9	772.8	10017.8	101%	94%	100%	100%	99%	102%
				10	1000000	13.4	16.8	67.5				13.1	19.1	67.8				98%	113%	100%			
					10000000	13.5	17.4	68.6	225.1			13.3	19.4	69.8	212.6			98%	111%	102%	94%		
					50000000	13.5	17.6	68.8	242.2	964.5		14.3	16.9	67.6	243.0	967.7		106%	96%	98%	100%	100%	
	xeon	cycle	5	1	1000000	12.9	14.9	27.0	138.6	995.7	710.2	12.8	14.6	26.3	138.6	974.8	685.0	99%	98%	97%	100%	98%	96%
					10000000	12.6	15.1	28.1	143.9	1253.3	5763.1	13.4	14.4	27.3	143.9	1259.8	5803.4	106%	95%	97%	100%	101%	101%
					100000000	13.6	15.5	30.6	146.7	1321.7	12363.3	14.0	15.8	29.2	146.1	1318.3	12483.8	103%	102%	95%	100%	100%	101%
				10	1000000	13.2	16.3	48.1	352.5	2295.9		13.3	16.4	47.8	352.8	2221.4		101%	100%	100%	100%	97%	
					10000000	14.2	15.9	47.1	353.9	3362.1	15824.7	14.2	15.4	45.7	350.7	3363.5	14217.2	100%	97%	97%	99%	100%	90%
					100000000	14.0	17.8	49.8	356.4	3399.8	33052.3	14.3	18.2	49.3	354.8	3409.9	33050.8	102%	102%	99%	100%	100%	100%
			10	1	1000000	12.7	14.2	30.3	166.6	1270.6		12.0	14.4	30.8	167.8	1215.3		95%	101%	102%	101%	96%	
					10000000	13.8	14.5	28.2	172.6	1529.2	8834.6	13.6	13.6	29.1	172.1	1525.9	8765.2	99%	94%	103%	100%	100%	99%
					100000000	13.3	16.6	32.9	175.3	1594.8	15472.9	14.1	16.2	33.4	176.2	1604.5	15665.3	107%	97%	101%	100%	101%	101%
				10	1000000	12.2	17.2	52.8	423.0			13.0	17.4	54.9	427.3			107%	101%	104%	101%		
					10000000	15.0	16.9	52.6	430.0	4059.7		14.5	17.0	52.4	422.1	4047.5		97%	100%	100%	98%	100%	
					100000000	14.2	16.7	55.8	427.3	4083.5	39234.8	13.0	18.5	56.5	421.9	4083.8	39158.4	92%	110%	101%	99%	100%	100%
			100	1	1000000	13.7	18.3	61.9	494.8			14.7	19.1	62.3	495.6			107%	104%	101%	100%		
					10000000	14.9	18.5	60.7	506.8	5134.0		13.6	18.6	61.1	503.6	5065.7		91%	101%	101%	99%	99%	
					100000000	14.2	19.2	63.8	502.1	5077.1	53429.9	14.6	18.9	63.5	509.8	5224.3	53973.3	102%	99%	100%	102%	103%	101%
				10	1000000	15.1	22.5	99.3				13.6	23.6	99.2				90%	105%	100%			
					10000000	14.8	22.9	98.1	1022.4			14.2	21.3	98.1	1036.8			96%	93%	100%	101%		
					100000000	14.9	23.3	103.7	1049.9	10047.6		15.3	22.1	103.4	1046.1	9901.5		103%	95%	100%	100%	99%	
		random	5	1	1000000	13.1	19.6	67.7	532.3	777.7	784.5	14.1	19.1	66.7	536.0	764.8	726.0	108%	98%	98%	101%	98%	93%
					10000000	13.1	18.1	69.4	555.4	5167.2	7466.6	12.8	18.6	66.0	552.1	5140.6	7358.5	97%	103%	95%	99%	99%	99%
					100000000	14.8	20.3	69.7	559.7	5395.5	50312.5	14.5	19.2	68.4	567.8	5409.9	50671.3	98%	95%	98%	101%	100%	101%
				10	1000000	14.2	19.2	67.4	532.5	784.8		14.0	19.0	65.0	539.1	782.7		98%	99%	96%	101%	100%	
					10000000	14.0	18.7	66.7	561.2	5153.4	7411.2	13.2	18.4	67.9	557.2	5145.9	7346.6	95%	99%	102%	99%	100%	99%

							100000000	14.9	19.7	67.8	561.3	5439.5	50585.9	13.9	20.7	67.9	561.6	5386.6	50460.9	94%	105%	100%	100%	99%	100%
				10	1	1000000	15.2	23.9	117.5	993.3	899.4		13.8	23.6	122.5	1000.6	907.4		91%	99%	104%	101%	101%	
						10000000	14.9	23.1	121.9	1083.6	9751.2	9119.4	14.5	24.9	120.6	1079.7	9731.7	9281.6	97%	108%	99%	100%	100%	102%
						100000000	14.9	26.0	127.9	1111.0	10765.0	95789.8	15.5	28.6	128.5	1094.1	10761.8	95674.4	104%	110%	101%	98%	100%	100%
					10	1000000	13.5	23.8	119.5	997.5			14.7	22.9	121.6	995.7			109%	96%	102%	100%		
						10000000	14.8	24.6	123.3	1091.4	9741.6		13.6	25.7	124.7	1086.4	9724.6		92%	104%	101%	100%	100%	
						100000000	15.7	27.2	127.0	1107.1	10764.8	95463.5	14.9	27.6	123.3	1124.5	10722.4	95768.3	95%	101%	97%	102%	100%	100%
				100	1	1000000	24.3	120.6	997.8	2628.5			25.4	120.1	982.5	2648.0			104%	100%	98%	101%		
						10000000	25.0	122.6	1098.9	9812.0	26523.2		25.1	123.6	1095.9	9790.6	26366.9		100%	101%	100%	100%	99%	
						100000000	26.9	129.0	1103.4	10805.1	96692.9	268533.7	25.9	125.7	1112.7	10777.8	96143.7	267070.5	97%	97%	101%	100%	99%	99%
					10	1000000	25.2	120.6	999.9				24.8	124.5	994.3				98%	103%	99%			
						10000000	23.8	123.2	1089.6	9821.3			24.3	123.0	1081.3	9822.1			102%	100%	99%	100%		
						100000000	27.0	125.8	1106.0	10807.6	96122.0		27.6	128.6	1101.4	10733.9	96218.0		102%	102%	100%	99%	100%	
			sequential	5	1	1000000	14.2	13.9	16.0	18.4	57.8	489.1	13.9	14.5	14.4	18.3	57.0	413.8	98%	104%	90%	100%	99%	85%
						10000000	13.5	14.0	15.3	18.8	57.6	477.2	12.9	14.0	14.3	18.2	55.6	490.4	95%	100%	93%	97%	97%	103%
						100000000	14.0	12.9	16.5	20.7	56.4	501.5	13.7	13.6	16.4	19.7	56.9	504.0	98%	106%	99%	95%	101%	101%
					10	1000000	12.8	15.4	15.4	22.8	64.6		13.1	13.8	15.4	21.7	62.5		103%	90%	100%	95%	97%	
						10000000	13.3	15.2	14.2	22.5	61.8	487.5	12.9	15.0	14.3	22.8	61.5	446.1	97%	99%	101%	102%	99%	92%
						100000000	13.4	15.6	17.5	22.6	61.8	431.2	13.4	13.2	16.2	22.9	61.8	471.9	99%	85%	92%	101%	100%	109%
				10	1	1000000	13.8	14.2	15.5	24.0	95.9		13.1	13.1	14.3	24.1	95.6		95%	92%	92%	100%	100%	
						10000000	13.7	14.2	13.9	23.9	96.5	941.7	13.4	14.0	13.8	24.5	95.9	954.1	98%	98%	99%	102%	99%	101%
						100000000	12.8	13.0	15.7	25.6	97.5	914.6	13.0	14.4	16.0	23.8	99.7	985.1	101%	111%	102%	93%	102%	108%
					10	1000000	13.4	14.6	18.5	32.0			13.2	15.1	18.5	32.8			99%	103%	100%	102%		
						10000000	12.7	15.6	17.0	32.7	107.1		13.5	15.2	17.3	31.5	106.5		106%	98%	102%	96%	99%	
						100000000	13.5	14.4	20.4	30.7	109.7	964.8	13.0	14.4	19.3	32.0	110.5	916.5	97%	100%	95%	104%	101%	95%
				100	1	1000000	13.5	15.7	24.4	98.5			13.7	14.3	24.7	95.5			102%	91%	101%	97%		
						10000000	14.3	16.0	22.3	102.4	872.0		14.7	15.9	23.1	96.7	989.7		103%	100%	104%	94%	113%	
						100000000	13.7	15.9	25.2	111.1	1030.8	10265.2	14.5	15.2	23.2	96.8	991.5	10030.3	106%	96%	92%	87%	96%	98%
					10	1000000	14.0	18.4	60.8				15.2	18.6	58.6				109%	101%	96%			
						10000000	15.3	19.0	52.2	188.4			15.5	19.6	54.2	189.5			101%	103%	104%	101%		
						100000000	14.7	18.9	52.9	188.5	1079.9		15.1	19.4	52.6	190.5	1118.7		103%	103%	99%	101%	104%	
	patched	i5	cycle	5	1	1000000	11.0	13.2	28.8	193.5	1851.4	637.2	10.9	12.4	16.2	47.7	333.9	684.7	99%	94%	56%	25%	18%	107%
						10000000	11.4	13.3	29.1	194.9	1855.9	18443.7	11.7	12.4	17.6	47.4	313.8	2949.4	103%	93%	60%	24%	17%	16%
						50000000	12.0	13.9	30.4	196.9	1853.1	17893.4	11.7	13.2	17.5	44.4	328.1	2772.2	98%	94%	58%	23%	18%	15%
					10	1000000	11.1	15.7	60.1	507.8	4211.2		11.5	12.8	17.5	56.7	435.4		103%	81%	29%	11%	10%	
						10000000	11.7	15.8	59.3	497.3	4693.4	40753.1	11.8	13.0	18.8	56.9	420.6	3853.5	101%	82%	32%	11%	9%	9%
						50000000	11.6	17.4	61.6	496.1	4859.8	46582.5	11.8	14.2	19.4	56.7	424.7	3700.9	102%	81%	32%	11%	9%	8%
				10	1	1000000	11.1	13.3	33.0	236.1	2240.3		11.5	12.2	19.8	62.8	504.3		104%	92%	60%	27%	23%	
						10000000	11.9	13.6	34.5	235.1	2196.7	21713.5	11.6	13.0	21.7	62.7	487.3	5007.7	98%	96%	63%	27%	22%	23%
						50000000	11.5	15.6	35.6	234.9	2240.5	21651.9	11.9	14.5	20.1	65.7	521.4	4715.8	103%	93%	56%	28%	23%	22%
					10	1000000	11.8	17.0	69.8	593.4			11.7	14.5	22.0	91.6			100%	85%	31%	15%		
						10000000	12.4	17.3	70.7	577.8	5650.3		12.6	14.7	24.5	93.7	762.9		102%	85%	35%	16%	14%	
						50000000	12.2	18.9	70.2	588.9	5769.8	55133.7	12.5	16.5	24.3	91.9	765.2	7295.7	103%	88%	35%	16%	13%	13%
				100	1	1000000	12.3	18.2	78.3	691.8			12.1	20.9	57.2	437.0			98%	115%	73%	63%		
						10000000	12.3	18.0	78.1	686.5	7181.4		14.1	21.2	59.6	424.8	3836.4		114%	118%	76%	62%	53%	
						50000000	12.5	19.4	80.6	696.2	6943.6	69913.1	14.5	21.2	59.8	450.3	3983.0	39276.0	116%	109%	74%	65%	57%	56%
					10	1000000	12.8	24.1	152.5				14.4	36.6	99.4				112%	152%	65%			
						10000000	13.7	24.4	153.7	1732.5			13.0	34.2	95.2	750.1			95%	140%	62%	43%		
						50000000	13.6	22.8	154.9	1741.7	23808.6		16.1	36.4	96.6	841.0	6741.6		118%	160%	62%	48%	28%	
			random	5	1	1000000	11.9	17.7	82.7	761.1	1154.5	698.7	12.2	13.3	20.5	91.9	616.1	711.9	103%	75%	25%	12%	53%	102%
						10000000	12.2	18.0	90.9	803.4	7165.6	10608.8	12.2	13.3	21.7	96.4	666.9	5103.8	100%	74%	24%	12%	9%	48%
						50000000	12.1	18.8	88.4	775.1	7591.7	64870.8	12.6	14.7	22.3	80.1	666.6	5364.9	104%	78%	25%	10%	9%	8%
					10	1000000	11.6	18.8	87.2	760.5	1237.5		11.7	13.4	20.5	81.6	612.3		101%	71%	23%	11%	49%	
						10000000	11.7	18.4	90.5	773.7	7418.8	11258.2	12.1	13.5	20.5	78.1	619.4	5294.3	103%	73%	23%	10%	8%	47%
						50000000	12.2	19.3	88.9	780.8	7506.9	64282.9	12.2	14.4	23.8	97.7	651.4	5403.0	100%	75%	27%	13%	9%	8%
				10	1	1000000	12.0	25.6	171.6	1409.5	1347.5		12.2	14.6	27.2	140.4	803.9		101%	57%	16%	10%	60%	
						10000000	12.6	25.7	163.6	1528.4	13281.4	12455.7	12.7	14.7	30.0	141.5	1191.6	7715.8	101%	57%	18%	9%	9%	62%
						50000000	13.1	28.7	164.5	1542.6	14897.4	117829.8	13.1	16.3	30.6	145.1	1261.9	10438.1	100%	57%	19%	9%	8%	9%
					10	1000000	11.7	24.8	159.5	1397.8			12.3	15.3	27.8	162.0			105%	62%	17%	12%		

					10000000	13.3	27.4	166.0	1537.9	13382.3		12.5	15.1	28.3	159.6	1161.5		94%	55%	17%	10%	9%	
					50000000	13.8	28.6	168.0	1537.2	14871.3	118869.4	13.3	17.0	29.4	151.0	1252.4	10282.5	96%	59%	17%	10%	8%	9%
			100	1	1000000	26.8	163.5	1407.5	3473.9			21.4	42.9	150.9	811.6			80%	26%	11%	23%		
					10000000	27.3	163.5	1603.2	13281.6	33350.2		22.3	42.2	175.0	1254.9	7124.1		82%	26%	11%	9%	21%	
					50000000	27.7	171.6	1538.5	14724.8	117844.2	1146732	23.0	44.2	187.9	1673.3	10438.6	96904.2	83%	26%	12%	11%	9%	8%
				10	1000000	25.9	165.8	1390.3				21.8	42.9	157.4				84%	26%	11%			
					10000000	27.5	163.3	1577.8	13719.0			22.1	41.2	178.2	1227.0			80%	25%	11%	9%		
					50000000	26.8	163.2	1514.9	14846.4	118938.4		24.5	43.7	183.2	1366.6	10029.9		91%	27%	12%	9%	8%	
		sequential	5	1	1000000	11.3	11.1	12.2	19.5	51.6	378.4	11.3	11.5	15.6	18.9	55.5	424.2	100%	104%	128%	97%	107%	112%
					10000000	11.4	11.6	13.0	19.0	52.4	377.1	11.5	11.7	16.0	19.9	55.7	412.6	100%	100%	123%	105%	106%	109%
					50000000	11.6	11.8	13.7	18.7	55.7	382.4	11.8	11.4	12.6	19.5	67.4	404.5	102%	96%	92%	104%	121%	106%
				10	1000000	11.6	12.1	15.0	23.7	58.9		11.7	12.2	15.3	26.1	66.1		101%	101%	102%	110%	112%	
					10000000	12.3	12.5	14.1	23.7	60.4	388.9	12.1	12.0	15.8	25.2	66.7	412.6	98%	96%	112%	106%	111%	106%
					50000000	11.9	12.1	15.1	23.2	63.6	395.3	12.0	12.0	14.5	23.9	75.1	411.7	101%	100%	96%	103%	118%	104%
			10	1	1000000	11.4	11.3	13.4	21.0	91.8		11.7	11.8	14.4	23.1	92.2		102%	104%	108%	110%	100%	
					10000000	11.6	12.1	13.2	21.7	86.8	742.8	11.2	12.6	15.1	22.3	97.6	775.5	97%	104%	115%	102%	112%	104%
					50000000	11.7	12.0	13.7	23.1	91.1	754.8	11.8	12.5	13.7	23.9	92.1	786.4	101%	104%	100%	103%	101%	104%
				10	1000000	12.0	12.4	17.2	32.7			11.8	12.9	18.1	33.7			99%	103%	106%	103%		
					10000000	12.0	12.6	16.9	31.4	106.2		12.5	13.3	19.9	34.5	111.6		105%	105%	118%	110%	105%	
					50000000	12.4	12.7	17.5	33.5	107.8	786.5	12.1	13.5	20.1	32.3	113.6	808.1	97%	106%	115%	97%	105%	103%
			100	1	1000000	13.9	13.7	21.5	88.6			12.2	18.1	24.3	95.5			88%	132%	113%	108%		
					10000000	12.5	13.6	24.2	88.2	742.4		12.4	15.9	24.4	95.4	785.5		99%	117%	101%	108%	106%	
					50000000	12.8	13.9	22.4	121.2	770.6	9679.3	12.5	15.3	24.6	123.4	777.9	10065.6	98%	110%	110%	102%	101%	104%
				10	1000000	16.2	17.0	71.4				13.1	29.7	82.1				81%	174%	115%			
					10000000	13.1	18.0	69.4	215.4			13.6	31.3	89.0	247.0			104%	174%	128%	115%		
					50000000	13.8	17.1	68.9	243.3	968.5		13.2	27.9	85.8	257.2	1021.7		96%	163%	125%	106%	105%	
	xeon	cycle	5	1	1000000	12.5	14.5	25.4	140.2	980.5	651.8	12.9	14.3	15.0	38.9	240.9	669.1	103%	99%	59%	28%	25%	103%
					10000000	12.8	13.6	26.9	142.3	1250.6	5779.3	12.7	13.1	17.3	35.5	249.8	2376.1	99%	96%	64%	25%	20%	41%
					100000000	14.2	14.6	31.5	148.3	1325.5	12441.5	14.4	13.8	18.7	38.9	236.4	2445.0	101%	95%	59%	26%	18%	20%
				10	1000000	12.6	16.6	46.4	350.5	2261.9		12.8	14.7	16.5	50.2	425.8		101%	89%	36%	14%	19%	
					10000000	13.9	15.5	46.3	355.9	3350.0	15758.9	13.4	13.8	17.0	50.5	369.7	4493.4	96%	89%	37%	14%	11%	29%
					100000000	13.8	16.8	50.3	356.4	3403.6	33043.1	13.4	14.3	20.7	50.5	335.2	3413.1	97%	85%	41%	14%	10%	10%
			10	1	1000000	12.5	14.6	27.7	168.9	1212.0		12.2	14.1	18.7	52.3	379.5		97%	96%	68%	31%	31%	
					10000000	13.9	14.3	28.1	174.2	1528.3	8777.3	14.2	14.6	17.4	51.6	386.7	3932.4	102%	102%	62%	30%	25%	45%
					100000000	14.1	16.5	33.2	173.2	1598.4	15488.4	13.0	15.2	18.6	53.7	370.8	3994.7	92%	92%	56%	31%	23%	26%
				10	1000000	12.4	17.3	55.3	426.5			13.8	15.1	20.2	80.8			111%	87%	37%	19%		
					10000000	14.6	17.8	53.3	421.6	4066.1		14.3	14.8	19.8	77.1	662.6		98%	83%	37%	18%	16%	
					100000000	13.5	18.5	55.3	422.4	4068.3	39096.1	13.4	17.0	23.4	78.7	607.1	6043.0	99%	92%	42%	19%	15%	15%
			100	1	1000000	14.7	18.3	61.9	495.4			12.7	17.4	45.0	299.4			87%	95%	73%	60%		
					10000000	15.0	18.9	61.2	504.8	5109.8		15.5	19.3	43.3	300.8	3020.6		103%	102%	71%	60%	59%	
					100000000	14.3	19.1	65.4	500.7	5159.7	53211.8	14.8	19.8	46.2	302.5	3055.4	31484.3	104%	104%	71%	60%	59%	59%
				10	1000000	13.5	22.1	100.7				13.7	27.4	74.7				102%	124%	74%			
					10000000	15.1	23.1	99.1	1045.0			16.0	29.0	74.3	569.2			106%	126%	75%	54%		
					100000000	14.9	23.1	101.2	1030.8	10063.6		15.2	30.7	76.3	575.6	5163.0		102%	133%	75%	56%	51%	
		random	5	1	1000000	14.3	17.6	69.9	538.8	776.1	685.6	14.6	13.9	19.3	73.0	465.3	735.0	102%	79%	28%	14%	60%	107%
					10000000	13.9	18.0	69.1	553.0	5183.5	7365.6	14.3	15.4	20.6	70.0	601.0	4565.8	103%	85%	30%	13%	12%	62%
					100000000	14.9	21.2	71.3	558.4	5401.0	50358.0	13.7	16.6	24.0	68.8	518.3	5504.6	92%	78%	34%	12%	10%	11%
				10	1000000	14.4	19.5	68.3	547.9	776.3		15.1	14.1	19.4	74.7	467.5		105%	72%	28%	14%	60%	
					10000000	13.8	19.4	68.5	559.7	5167.6	7431.9	14.5	15.4	20.9	70.8	606.8	4603.7	105%	79%	31%	13%	12%	62%
					100000000	14.5	19.9	72.0	555.9	5442.2	50327.1	15.1	16.2	23.5	75.7	525.5	5413.8	104%	81%	33%	14%	10%	11%
			10	1	1000000	15.0	22.9	121.4	1009.2	885.4		13.8	15.0	26.4	127.2	735.2		92%	65%	22%	13%	83%	
					10000000	15.0	24.8	120.6	1100.2	9753.7	9326.5	15.5	16.3	28.0	122.2	1143.4	7727.6	103%	66%	23%	11%	12%	83%
					100000000	15.3	26.1	124.6	1095.5	10806.5	96007.7	15.5	18.0	29.6	122.6	1021.1	10322.4	101%	69%	24%	11%	9%	11%
				10	1000000	14.3	25.3	121.8	994.8			14.7	16.1	25.8	129.4			103%	64%	21%	13%		
					10000000	15.1	26.3	120.8	1079.5	9752.7		14.3	16.5	29.0	122.6	1143.3		95%	63%	24%	11%	12%	
					100000000	15.1	26.2	126.6	1100.9	10784.2	95550.2	15.5	16.5	28.1	126.0	1033.0	10300.3	103%	63%	22%	11%	10%	11%
			100	1	1000000	24.4	123.0	989.7	2618.4			22.4	36.1	116.2	607.5			92%	29%	12%	23%		
					10000000	26.4	124.4	1094.5	9802.9	26654.9		22.4	36.2	129.8	983.6	6387.1		85%	29%	12%	10%	24%	
					100000000	27.4	128.6	1093.4	10784.3	96731.0	268169.4	23.7	38.0	129.8	1046.3	7822.6	69917.9	86%	30%	12%	10%	8%	26%

						10	1000000	25.8	119.3	1000.2				20.7	35.0	115.6				80%	29%	12%			
							10000000	25.9	122.4	1095.4	9839.0			23.6	36.6	130.0	1008.1			91%	30%	12%	10%		
							100000000	27.6	125.2	1100.8	10775.8	96463.2		24.1	37.3	131.5	1078.2	7909.8		87%	30%	12%	10%	8%	
				sequential	5	1	1000000	14.1	13.8	15.3	18.6	59.0	414.7	14.3	14.8	14.2	19.2	59.1	420.8	101%	107%	93%	104%	100%	101%
							10000000	13.3	14.5	13.2	18.4	57.2	471.2	13.8	13.6	14.3	19.1	59.0	473.6	104%	94%	108%	104%	103%	100%
							100000000	14.6	13.5	15.1	18.3	55.4	421.8	14.3	14.1	14.6	18.8	57.2	424.9	98%	104%	97%	103%	103%	101%
						10	1000000	13.8	15.0	16.3	21.6	62.5		13.5	14.6	16.2	23.2	65.2		98%	97%	99%	107%	104%	
							10000000	14.4	14.4	16.0	22.1	61.2	491.7	14.5	14.2	15.4	23.2	62.6	499.9	101%	98%	97%	105%	102%	102%
							100000000	13.9	15.0	16.9	21.8	62.6	474.0	13.0	14.6	16.2	22.4	63.2	489.8	94%	97%	96%	102%	101%	103%
					10	1	1000000	13.7	14.5	15.4	25.2	97.1		13.6	13.8	15.5	24.6	99.4		99%	96%	100%	97%	102%	
							10000000	13.8	14.4	15.1	24.3	95.5	998.3	13.5	13.5	14.9	25.2	98.6	985.3	97%	94%	99%	104%	103%	99%
							100000000	14.0	13.7	14.9	22.8	97.1	876.7	13.9	13.8	15.0	24.5	98.2	877.1	99%	100%	101%	107%	101%	100%
						10	1000000	14.0	14.8	19.3	32.4			14.6	16.0	18.6	33.1			104%	108%	96%	102%		
							10000000	13.4	14.5	17.9	32.4	108.5		13.8	15.0	19.2	32.6	109.0		103%	104%	107%	101%	100%	
							100000000	14.3	14.8	18.4	32.5	109.5	1058.0	14.6	15.6	19.5	33.4	112.7	971.5	102%	106%	106%	103%	103%	92%
					100	1	1000000	14.9	14.9	25.1	97.4			14.8	15.5	24.6	99.4			99%	104%	98%	102%		
							10000000	14.0	16.2	24.8	107.3	942.1		13.8	14.3	24.5	101.1	971.2		99%	89%	99%	94%	103%	
							100000000	13.5	16.1	25.7	100.2	933.6	10149.2	13.7	15.3	26.2	99.9	1038.3	10187.0	101%	95%	102%	100%	111%	100%
						10	1000000	15.9	18.7	58.0				15.1	27.4	57.4				95%	146%	99%			
							10000000	14.9	18.4	54.4	188.6			15.4	27.5	52.9	192.4			104%	149%	97%	102%		
							100000000	15.7	18.8	55.4	188.1	1145.5		16.0	27.3	56.3	196.9	969.7		102%	145%	102%	105%	85%	
	seqscan	master	i5	cycle	5	1	1000000	380.2	366.5	412.9	409.1	381.8	523.7	339.6	425.2	369.3	400.7	419.4	467.1	89%	116%	89%	98%	110%	89%
							10000000	3228.4	3838.1	3689.5	3535.2	3145.8	3334.6	3225.1	3516.9	3468.0	3220.0	3168.5	3277.0	100%	92%	94%	91%	101%	98%
							50000000	15605.7	15568.3	17375.4	16012.2	16078.4	15905.8	15558.6	15585.5	15460.9	15592.1	15630.9	15777.6	100%	100%	89%	97%	97%	99%
						10	1000000	368.9	409.2	397.6	401.6	440.6		375.0	419.0	455.4	400.3	413.7		102%	102%	115%	100%	94%	
							10000000	3286.8	3262.3	3427.0	3208.0	3151.3	3212.8	3208.0	3230.3	3489.2	3231.4	3751.9	3266.2	98%	99%	102%	101%	119%	102%
							50000000	15920.8	15558.9	15509.4	15635.2	15544.2	15748.2	15541.8	15553.6	15541.2	15475.4	15514.7	16384.1	98%	100%	100%	99%	100%	104%
					10	1	1000000	377.6	386.7	415.2	358.1	362.4		393.0	347.6	422.0	377.5	400.4		104%	90%	102%	105%	110%	
							10000000	3202.1	3169.6	3144.3	3191.1	3118.8	3382.6	3206.2	3184.1	3155.8	3140.8	3335.2	3307.9	100%	100%	100%	98%	107%	98%
							50000000	15372.1	15349.6	16081.7	15858.6	15345.3	15936.3	15433.3	15392.6	18201.2	15310.1	15413.9	15946.1	100%	100%	113%	97%	100%	100%
						10	1000000	345.2	421.9	367.7	351.8			364.4	369.3	369.8	341.5			106%	88%	101%	97%		
							10000000	3142.0	3179.1	3184.3	3138.1	3388.9		3124.1	3180.4	3175.9	3139.5	3526.2		99%	100%	100%	100%	104%	
							50000000	15492.6	15466.9	15344.0	15376.7	15503.5	15989.7	15462.7	15406.7	15315.3	15399.1	16242.7	16101.3	100%	100%	100%	100%	105%	101%
					100	1	1000000	358.7	356.6	376.0	391.0			370.5	372.5	431.8	380.2			103%	104%	115%	97%		
							10000000	3184.0	3124.9	3168.1	3221.5	3366.9		3193.2	3130.9	3152.3	3187.5	3340.9		100%	100%	100%	99%	99%	
							50000000	15887.4	15389.2	16544.6	15530.7	15735.4	21742.6	15399.6	15407.3	15446.6	15465.7	16846.5	21792.4	97%	100%	93%	100%	107%	100%
						10	1000000	381.9	365.4	377.9				363.7	377.8	376.4				95%	103%	100%			
							10000000	3170.1	3135.7	3173.3	3515.7			3185.9	3037.7	3184.2	3388.8			100%	97%	100%	96%		
							50000000	15450.4	15675.2	15434.1	15488.2	15704.7		15345.7	16075.2	15443.0	15436.8	16035.0		99%	103%	100%	100%	102%	
				random	5	1	1000000	377.1	406.2	410.4	434.3	392.1	520.8	411.0	413.1	368.0	396.1	393.5	498.5	109%	102%	90%	91%	100%	96%
							10000000	3586.1	3168.6	3176.3	3414.8	3474.2	3328.1	3434.6	3124.4	3172.7	3222.6	3233.0	3297.8	96%	99%	100%	94%	93%	99%
							50000000	16919.9	16508.0	16366.4	15589.3	15613.1	15894.0	15585.2	15940.5	15603.0	15572.0	15648.1	16003.2	92%	97%	95%	100%	100%	101%
						10	1000000	352.9	394.3	387.2	396.4	348.4		364.8	387.1	379.8	376.1	368.1		103%	98%	98%	95%	106%	
							10000000	3225.2	3159.1	3501.4	3244.5	3211.1	3264.2	3243.5	3143.5	3358.2	3239.3	3185.0	3508.9	101%	100%	96%	100%	99%	107%
							50000000	15588.2	17460.7	15587.8	16157.8	15571.9	16404.3	15570.8	15609.3	15630.6	15550.6	16776.7	15930.8	100%	89%	100%	96%	108%	97%
					10	1	1000000	366.6	345.6	349.8	418.5	376.3		391.1	379.1	368.5	386.6	380.4		107%	110%	105%	92%	101%	
							10000000	3197.3	3086.6	3223.9	3183.2	3201.2	3600.9	3175.1	3075.5	3124.9	3475.9	3238.5	3364.9	99%	100%	97%	109%	101%	93%
							50000000	15451.8	15447.6	15927.7	15335.1	15498.8	15668.5	15993.7	16269.9	15403.0	15374.3	15465.5	15762.5	104%	105%	97%	100%	100%	101%
						10	1000000	382.1	366.4	339.3	394.7			405.9	382.9	342.6	382.1			106%	104%	101%	97%		
							10000000	3173.6	3074.8	3148.5	3468.3	3193.6		3165.5	3090.1	3128.6	3217.8	3190.3		100%	100%	99%	93%	100%	
							50000000	15415.4	15379.5	15436.2	16125.6	15752.3	15728.0	15469.8	15901.1	15364.0	15413.8	16175.0	16393.8	100%	103%	100%	96%	103%	104%
					100	1	1000000	372.4	397.3	366.4	366.0			349.2	345.3	353.2	350.2			94%	87%	96%	96%		
							10000000	3182.4	3115.3	3138.2	3212.5	3392.2		3373.3	3373.8	3178.9	3157.8	3367.9		106%	108%	101%	98%	99%	
							50000000	15506.5	15381.4	15467.7	16637.9	15648.4	18545.3	15445.3	15445.0	16623.1	15581.5	15844.5	21921.6	100%	100%	107%	94%	101%	118%
					10	1	1000000	352.7	408.5	365.1				347.1	389.3	362.4				98%	95%	99%			
							10000000	3375.1	3426.9	3242.5	3173.9			3118.2	3313.9	3171.2	3159.2			92%	97%	98%	100%		
							50000000	15476.2	15482.0	17235.4	15575.6	16027.3		15530.1	15572.3	15428.1	16639.2	15822.3		100%	101%	90%	107%	99%	
				sequential	5	1	1000000	356.3	405.3	333.8	417.9	387.6	513.8	344.6	431.2	372.9	447.6	420.1	501.9	97%	106%	112%	107%	108%	98%
							10000000	3452.4	3238.2	3467.9	3243.4	3257.6	3317.9	3465.9	3228.0	3216.8	3239.5	3182.8	3315.4	100%	100%	93%	100%	98%	100%

					50000000	16718.7	15555.5	15948.1	15579.5	15590.3	15776.3	15523.4	15520.8	15600.2	15614.4	15632.7	15714.3	93%	100%	98%	100%	100%	100%
				10	1000000	383.2	399.8	361.0	383.7	394.7		366.4	427.3	340.8	385.7	378.7		96%	107%	94%	101%	96%	
					10000000	3222.4	3266.6	3230.1	3258.2	3229.3	3234.9	3204.1	3246.3	3219.3	3209.2	3221.9	3298.3	99%	99%	100%	98%	100%	102%
					50000000	15635.3	15555.5	15583.8	16064.9	16099.3	15723.2	15575.9	15573.9	15580.7	15541.5	16176.1	16687.4	100%	100%	100%	97%	100%	106%
				10	1	1000000	371.1	407.3	361.6	371.8	412.6		357.6	361.7	336.8	360.0	407.1		96%	89%	93%	97%	99%	
						10000000	3206.1	3093.9	3193.9	3182.3	3521.0	3673.5	3200.4	3118.9	3182.4	3095.6	3365.0	3621.0	100%	101%	100%	97%	96%	99%
						50000000	15728.9	15265.3	15373.9	15260.6	15359.4	15546.2	15636.7	15419.1	15408.0	15323.0	15373.0	15936.0	99%	101%	100%	100%	100%	103%
					10	1000000	360.1	397.6	363.9	359.7			411.3	360.5	403.9	343.9			114%	91%	111%	96%		
						10000000	3401.4	3128.0	3170.8	3511.9	3388.5		3394.1	3151.0	3184.8	3346.3	3160.3		100%	101%	100%	95%	93%	
						50000000	15398.4	15320.3	15375.7	15284.1	15264.9	15615.8	15325.2	15344.7	15379.1	15540.0	15413.6	15914.9	100%	100%	100%	102%	101%	102%
				100	1	1000000	349.0	334.2	343.7	399.5			347.7	371.1	371.0	404.1			100%	111%	108%	101%		
						10000000	3142.3	3160.7	3154.8	3402.4	3413.3		3163.9	3122.6	3139.2	3429.7	3451.0		101%	99%	100%	101%	101%	
						50000000	15468.5	15436.3	15746.3	17073.7	15577.3	22078.7	15456.5	15424.7	15370.1	15375.4	15594.0	18689.4	100%	100%	98%	90%	100%	85%
				10	1000000	338.6	362.8	348.1				344.6	333.5	361.4				102%	92%	104%			
					10000000	3160.9	3167.6	3196.1	3435.4			3130.8	3099.8	3111.1	3163.0			99%	98%	97%	92%		
					50000000	15484.8	15392.4	15408.7	15423.8	15635.5		15515.3	16159.2	15393.4	15617.3	15671.0		100%	105%	100%	101%	100%	
xeon	cycle	5	1		1000000	264.9	271.4	269.5	270.7	272.3	482.4	265.7	269.3	271.5	267.5	270.6	428.5	100%	99%	101%	99%	99%	89%
					10000000	2299.1	2353.9	2218.2	2337.4	2313.3	2479.1	2345.8	2279.0	2352.3	2327.8	2352.8	2428.6	102%	97%	106%	100%	102%	98%
					100000000	22200.4	22499.1	22475.3	22515.5	22582.5	22875.1	22375.5	22360.9	22607.7	22456.9	22624.0	22912.3	101%	99%	101%	100%	100%	100%
				10	1000000	266.4	269.4	271.3	267.0	272.2		266.9	267.5	271.9	268.3	284.7		100%	99%	100%	100%	105%	
					10000000	2343.1	2345.2	2343.0	2337.5	2330.1	2534.9	2342.6	2343.4	2194.3	2342.4	2347.6	2424.4	100%	100%	94%	100%	101%	96%
					100000000	22721.8	22501.0	22576.0	22659.9	22596.0	22790.6	22640.2	22634.3	22615.7	22590.5	22585.9	22968.0	100%	101%	100%	100%	100%	101%
				10	1	1000000	264.2	262.4	267.6	268.3	285.8		261.9	260.3	271.2	273.6	293.7		99%	99%	101%	102%	103%	
						10000000	2331.4	2315.4	2324.9	2320.1	2365.6	2558.2	2322.8	2335.4	2323.9	2334.0	2359.2	2674.3	100%	101%	100%	101%	100%	105%
						100000000	22653.1	22653.6	22743.0	22578.2	22613.9	23030.8	22653.3	22712.4	22509.7	22534.3	22770.9	22902.0	100%	100%	99%	100%	101%	99%
				10	1000000	260.0	263.2	263.0	264.9			262.5	263.5	261.3	262.2			101%	100%	99%	99%		
					10000000	2317.8	2321.3	2316.3	2323.6	2354.9		2319.4	2279.0	2307.5	2323.5	2370.5		100%	98%	100%	100%	101%	
					100000000	22579.6	22729.7	22626.6	22671.3	22787.4	23175.0	22682.9	22661.6	22793.0	22587.1	22746.1	22881.7	100%	100%	101%	100%	100%	99%
				100	1	1000000	265.4	266.7	268.5	295.8			218.8	219.1	268.6	262.4			82%	82%	100%	89%		
						10000000	2335.8	2355.9	2316.7	2364.2	2644.8		2335.4	2343.1	2299.4	2357.3	2591.7		100%	99%	99%	100%	98%	
						100000000	22518.7	22590.4	22813.5	22643.2	22979.0	28999.9	22573.4	22379.2	22661.8	22678.2	22804.4	28774.9	100%	99%	99%	100%	99%	99%
				10	1000000	266.3	268.3	270.5				265.2	267.3	265.1				100%	100%	98%			
					10000000	2306.7	2297.5	2332.8	2379.0			2271.1	2372.7	2328.1	2372.5			98%	103%	100%	100%		
					100000000	22407.7	22617.2	22719.3	22668.5	22977.8		22513.0	22544.4	22624.9	22435.9	22956.1		100%	100%	100%	99%	100%	
	random	5	1		1000000	270.0	272.1	271.5	273.1	281.7	552.4	268.3	271.2	268.3	259.1	283.9	520.6	99%	100%	99%	95%	101%	94%
					10000000	2222.9	2315.8	2276.9	2294.5	2383.1	2601.0	2357.3	2323.1	2269.9	2314.9	2357.0	2461.9	106%	100%	100%	101%	99%	95%
					100000000	23105.8	22663.6	22500.2	22419.2	22657.6	22848.8	23037.5	22615.2	22672.2	22297.7	22631.7	22721.0	100%	100%	101%	99%	100%	99%
				10	1000000	262.5	233.8	270.3	259.2	280.4		269.3	236.9	266.5	270.4	285.4		103%	101%	99%	104%	102%	
					10000000	2349.2	2321.2	2321.4	2241.8	2362.1	2450.1	2349.6	2328.2	2348.6	2302.5	2300.3	2441.2	100%	100%	101%	103%	97%	100%
					100000000	23102.3	22519.5	22707.0	22498.3	22725.2	22788.4	23017.3	22741.2	22630.8	22543.5	22636.1	22864.2	100%	101%	100%	100%	100%	100%
				10	1	1000000	266.8	234.8	258.4	260.5	292.7		262.3	223.3	264.5	252.9	293.7		98%	95%	102%	97%	100%	
						10000000	2332.5	2325.0	2296.6	2319.3	2365.9	2772.2	2345.7	2312.1	2324.4	2323.5	2371.1	2533.4	101%	99%	101%	100%	100%	91%
						100000000	23022.8	22613.6	22681.9	22581.0	22665.6	23185.7	23011.3	22502.4	22702.4	22518.0	22695.9	22944.8	100%	100%	100%	100%	100%	99%
				10	1000000	263.3	224.7	260.1	252.0			262.8	227.6	264.5	256.5			100%	101%	102%	102%		
					10000000	2336.8	2331.4	2328.9	2321.7	2357.0		2333.7	2326.4	2328.0	2316.1	2364.5		100%	100%	100%	100%	100%	
					100000000	23099.9	22610.7	22660.3	22555.1	22681.6	22881.6	23032.6	22705.8	22692.0	22652.6	22696.1	23148.8	100%	100%	100%	100%	100%	101%
				100	1	1000000	268.3	228.9	219.0	298.4			268.3	228.1	221.7	299.5			100%	100%	101%	100%		
						10000000	2329.6	2312.5	2345.2	2318.3	2786.5		2330.0	2323.4	2341.3	2348.1	2692.8		100%	100%	100%	101%	97%	
						100000000	23094.7	22379.1	22680.9	22345.1	22770.2	28144.5	23028.2	22562.4	22704.0	22558.5	22728.3	29117.0	100%	101%	100%	101%	100%	103%
				10	1000000	267.8	232.2	222.9				267.0	231.7	217.0				100%	100%	97%			
					10000000	2356.3	2332.6	2327.7	2341.2			2351.2	2333.1	2309.9	2360.9			100%	100%	99%	101%		
					100000000	23124.9	22690.2	22731.6	22576.0	22991.0		23050.5	22749.0	22782.2	22499.1	22806.3		100%	100%	100%	100%	99%	
	sequential	5	1		1000000	270.6	264.9	268.6	270.6	237.0	426.2	267.2	220.4	268.7	270.2	244.1	438.3	99%	83%	100%	100%	103%	103%
					10000000	2350.1	2319.2	2311.4	2326.1	2296.5	2546.5	2351.9	2337.5	2342.3	2288.1	2296.7	2533.7	100%	101%	101%	98%	100%	99%
					100000000	22623.5	22563.0	22520.7	22695.1	22477.4	22751.2	22614.9	22506.4	22379.0	22533.4	22475.3	22840.8	100%	100%	99%	99%	100%	100%
				10	1000000	267.3	269.0	267.6	270.9	241.3		266.1	270.2	268.5	271.6	287.4		100%	100%	100%	100%	119%	
					10000000	2351.2	2327.2	2349.4	2322.6	2375.4	2418.4	2336.2	2348.0	2344.3	2315.4	2367.9	2468.5	99%	101%	100%	100%	100%	102%
					100000000	22662.7	22616.5	22636.9	22349.0	22492.9	23030.2	22531.9	22552.8	22463.6	22670.2	22628.7	22868.0	99%	100%	99%	101%	101%	99%
				10	1	1000000	262.3	257.8	246.0	261.0	253.9		262.6	258.6	255.8	261.2	239.7		100%	100%	104%	100%	94%	

						10000000	2334.0	2261.5	2266.5	2266.3	2239.3	2709.4	2334.6	2271.2	2269.7	2270.3	2235.9	2635.6	100%	100%	100%	100%	100%	97%
						100000000	22739.7	22226.8	22146.8	22243.5	22105.6	22598.4	22685.3	22411.8	22303.4	22266.1	22113.3	22904.8	100%	101%	101%	100%	100%	101%
					10	1000000	262.5	257.0	258.3	260.9			261.7	260.2	259.9	257.2			100%	101%	101%	99%		
						10000000	2317.7	2284.8	2265.8	2263.4	2351.3		2338.0	2267.0	2276.6	2266.8	2296.1		101%	99%	100%	100%	98%	
						100000000	22711.3	22284.6	22241.2	22689.5	22212.6	22493.3	22610.9	22230.8	22240.7	22161.7	22074.6	22539.4	100%	100%	100%	98%	99%	100%
				100	1	1000000	267.7	261.4	264.6	304.2			264.3	262.3	266.2	289.3			99%	100%	101%	95%		
						10000000	2351.1	2309.5	2284.4	2298.5	2575.7		2360.5	2303.2	2261.0	2320.2	2847.8		100%	100%	99%	101%	111%	
						100000000	22682.0	22425.3	22377.6	22581.7	22970.3	29026.3	22766.4	22433.9	22381.7	22345.7	22797.0	28647.4	100%	100%	100%	99%	99%	99%
					10	1000000	265.6	262.7	263.3				269.9	260.2	267.9				102%	99%	102%			
						10000000	2319.3	2313.7	2331.7	2306.5			2344.0	2322.8	2317.3	2337.9			101%	100%	99%	101%		
						100000000	22627.7	22392.8	22432.5	22640.4	22829.4		22745.1	22700.6	22376.0	22538.0	22771.0		101%	101%	100%	100%	100%	
	patched	i5	cycle	5	1	1000000	391.3	348.7	364.4	339.5	392.7	479.5	361.6	356.0	364.7	364.5	383.3	486.6	92%	102%	100%	107%	98%	101%
						10000000	3192.3	3112.8	3189.9	3205.1	3408.3	3343.5	3194.1	3484.0	3194.8	3151.9	3149.4	3416.0	100%	112%	100%	98%	92%	102%
						50000000	15532.5	15598.5	15634.7	15613.0	15559.7	15921.2	15557.6	15745.1	15612.0	16387.2	15582.4	16027.3	100%	101%	100%	105%	100%	101%
					10	1000000	382.5	374.5	366.8	379.3	356.5		359.6	375.1	335.6	356.0	359.7		94%	100%	92%	94%	101%	
						10000000	3249.6	3318.4	3162.7	3168.8	3161.6	3406.9	3677.0	3113.6	3202.5	3465.5	3165.4	3225.2	113%	94%	101%	109%	100%	95%
						50000000	15553.6	15549.6	15636.3	15657.6	15624.4	16134.2	15544.5	15920.9	16190.6	15639.0	15667.4	15951.9	100%	102%	104%	100%	100%	99%
					10	1000000	344.5	365.9	388.2	356.3	353.0		387.0	363.8	365.2	365.4	361.1		112%	99%	94%	103%	102%	
						10000000	3370.6	3103.2	3165.0	3377.3	3113.2	3369.7	3789.1	3081.0	3110.3	3116.0	3130.5	3687.5	112%	99%	98%	92%	101%	109%
						50000000	15339.3	15370.1	15386.4	15440.2	15407.7	15978.8	15442.6	15300.9	15243.1	15375.1	15472.7	16005.0	101%	100%	99%	100%	100%	100%
					10	1000000	356.0	383.4	348.3	361.6			342.5	353.0	352.5	361.7			96%	92%	101%	100%		
						10000000	3406.7	3157.9	3418.1	3132.8	3143.5		3824.6	3124.9	3329.8	3161.4	3455.0		112%	99%	97%	101%	110%	
						50000000	15445.3	15302.0	15279.5	15527.7	17729.1	16082.8	16046.5	15416.0	15273.6	15322.6	15833.1	15795.6	104%	101%	100%	99%	89%	98%
				100	1	1000000	365.2	378.3	371.7	394.1			340.3	337.8	357.4	409.4			93%	89%	96%	104%		
						10000000	3753.9	3117.3	3272.3	3175.9	3618.6		3716.0	3107.4	3071.8	3175.7	3358.7		99%	100%	94%	100%	93%	
						50000000	15405.7	15327.5	15379.6	15356.5	16434.9	21624.1	15549.5	15757.6	15347.6	15374.7	16060.2	18452.2	101%	103%	100%	100%	98%	85%
					10	1000000	368.2	334.9	331.7				389.5	352.0	334.0				106%	105%	101%			
						10000000	3509.9	3082.7	3099.7	3136.1			3388.0	3068.9	3130.0	3147.0			97%	100%	101%	100%		
						50000000	15471.5	15438.8	15404.5	15522.5	15724.3		15440.1	15469.4	15376.0	15557.9	16315.0		100%	100%	100%	100%	104%	
			random	5	1	1000000	378.4	382.4	332.3	346.1	382.5	453.0	394.2	407.2	363.4	336.3	374.9	475.7	104%	106%	109%	97%	98%	105%
						10000000	3165.9	3284.8	3183.4	3664.8	3172.3	3301.9	3154.2	3506.5	3188.8	3679.7	3130.6	3320.0	100%	107%	100%	100%	99%	101%
						50000000	15643.0	16170.6	16323.3	16083.4	16507.5	15979.1	15565.1	15612.9	15575.5	15672.3	15549.3	15849.4	100%	97%	95%	97%	94%	99%
					10	1000000	379.3	356.6	359.6	340.8	368.6		401.8	381.5	379.5	335.4	435.9		106%	107%	106%	98%	118%	
						10000000	3125.1	3127.0	3177.0	3095.1	3236.8	3483.5	3157.9	3179.1	3176.1	3159.5	3209.4	3305.0	101%	102%	100%	102%	99%	95%
						50000000	15911.6	15611.0	16262.7	16723.2	15646.4	16581.6	15562.6	15538.2	15536.9	15566.0	15663.4	15800.0	98%	100%	96%	93%	100%	95%
				10	1	1000000	343.4	392.5	387.4	341.3	441.7		330.7	390.6	382.6	351.7	421.2		96%	100%	99%	103%	95%	
						10000000	3134.9	3129.0	3168.6	3073.1	3149.5	3418.0	3137.9	3040.2	3097.4	3115.8	3111.7	3363.6	100%	97%	98%	101%	99%	98%
						50000000	16037.3	15349.4	15412.1	15381.7	15522.0	15765.3	15308.3	16439.2	15389.1	15317.4	16040.2	15815.5	95%	107%	100%	100%	103%	100%
					10	1000000	337.3	384.2	337.6	333.1			322.9	390.8	347.4	337.9			96%	102%	103%	101%		
						10000000	3115.8	3317.1	3142.3	3131.1	3092.2		3145.4	3120.5	3097.3	3217.2	3173.5		101%	94%	99%	103%	103%	
						50000000	15341.6	15928.2	15404.5	15395.2	15519.1	16117.0	15430.3	15365.5	16025.5	15274.8	15488.9	15745.8	101%	96%	104%	99%	100%	98%
				100	1	1000000	371.2	412.1	332.5	357.8			326.9	368.0	341.1	358.2			88%	89%	103%	100%		
						10000000	3170.6	3131.9	3459.4	3190.5	3660.0		3120.6	3099.0	3428.5	3141.1	3382.1		98%	99%	99%	98%	92%	
						50000000	15384.6	15520.1	15440.3	15443.7	16100.0	22017.9	15627.1	15423.3	15391.7	15539.6	16248.7	22169.3	102%	99%	100%	101%	101%	101%
					10	1000000	333.2	400.1	337.3				329.2	374.9	341.1				99%	94%	101%			
						10000000	3121.3	3141.2	3541.1	3220.5			3102.5	3104.2	3345.7	3135.6			99%	99%	94%	97%		
						50000000	15383.3	15418.1	15413.9	16271.6	15769.0		15469.7	16485.4	15386.2	15572.0	15691.2		101%	107%	100%	96%	100%	
			sequential	5	1	1000000	335.6	363.1	354.6	376.8	404.5	530.8	380.9	346.3	377.4	342.9	366.9	488.7	114%	95%	106%	91%	91%	92%
						10000000	3179.1	3187.4	3134.2	3154.9	3198.5	3305.8	3187.6	3163.7	3129.3	3112.3	3192.6	3308.4	100%	99%	100%	99%	100%	100%
						50000000	16176.5	15641.2	15514.8	16571.9	16790.8	15914.6	15597.0	15635.8	15568.9	15593.0	15538.7	15875.6	96%	100%	100%	94%	93%	100%
					10	1000000	351.0	334.2	357.3	377.4	418.3		383.1	366.7	329.5	355.6	419.8		109%	110%	92%	94%	100%	
						10000000	3151.3	3130.5	3180.0	3144.9	3240.0	3261.3	3250.3	3155.2	3129.2	3131.1	3201.2	3444.5	103%	101%	98%	100%	99%	106%
						50000000	15673.3	16117.1	15655.9	15537.8	15664.1	15794.6	15534.1	15575.7	15556.7	15596.0	15651.9	15650.5	99%	97%	99%	100%	100%	99%
				10	1	1000000	343.5	363.3	355.6	366.2	442.0		346.5	320.4	355.7	399.3	413.7		101%	88%	100%	109%	94%	
						10000000	3598.3	3132.8	3104.2	3039.6	3167.0	3350.8	3304.3	3121.4	3086.1	3102.1	3144.1	3310.3	92%	100%	99%	102%	99%	99%
						50000000	15397.8	15262.7	15324.4	15296.3	15234.7	15527.5	15798.9	15358.6	15833.8	15310.5	15303.8	15906.7	103%	101%	103%	100%	100%	102%
					10	1000000	345.6	346.5	332.6	355.8			367.1	337.6	357.9	355.3			106%	97%	108%	100%		
						10000000	3072.1	3103.9	3105.8	3037.4	3129.2		3094.8	3107.9	3112.6	3059.7	3172.9		101%	100%	100%	101%	101%	
						50000000	15382.4	15259.3	15662.4	15510.4	15381.8	15925.6	15398.9	15284.7	15335.3	15362.2	15308.1	15472.5	100%	100%	98%	99%	100%	97%

			100	1	1000000	384.0	327.4	345.7	402.1			359.4	362.8	370.3	395.7			94%	111%	107%	98%		
					10000000	3114.9	3254.3	3147.8	3121.8	3418.2		3103.0	3352.6	3147.0	3106.1	3369.0		100%	103%	100%	99%	99%	
					50000000	15391.1	15274.0	15289.9	15451.6	15850.1	19324.5	15501.4	15207.3	15390.3	15322.9	15566.7	18467.0	101%	100%	101%	99%	98%	96%
				10	1000000	364.9	337.5	332.2				367.9	341.1	352.3				101%	101%	106%			
					10000000	3084.3	3416.9	3602.8	3158.5			3140.5	3604.1	3388.3	3346.9			102%	105%	94%	106%		
					50000000	15608.4	15951.5	15468.1	15280.8	16029.9		15348.3	15301.1	15472.2	15385.8	15571.4		98%	96%	100%	101%	97%	
	xeon	cycle	5	1	1000000	265.3	268.6	268.3	269.6	274.4	423.5	264.5	268.6	267.7	270.7	284.9	391.1	100%	100%	100%	100%	104%	92%
					10000000	2337.9	2342.8	2341.2	2342.3	2321.1	2435.7	2340.6	2348.1	2241.3	2335.7	2360.6	2491.2	100%	100%	96%	100%	102%	102%
					100000000	22652.6	22421.1	22627.7	22529.4	22576.8	22844.6	22655.0	22491.3	22834.0	22705.0	22735.2	22807.2	100%	100%	101%	101%	101%	100%
				10	1000000	264.8	268.7	267.4	267.2	271.7		265.9	270.4	265.1	271.8	286.0		100%	101%	99%	102%	105%	
					10000000	2301.1	2354.6	2345.9	2337.1	2294.5	2528.6	2345.7	2350.9	2218.6	2340.1	2261.4	2439.7	102%	100%	95%	100%	99%	96%
					100000000	22526.3	22601.2	22714.2	22650.6	22735.4	22689.2	22545.0	22528.2	22563.9	22674.5	22571.0	22811.8	100%	100%	99%	100%	99%	101%
			10	1	1000000	260.8	265.9	266.7	271.5	283.6		263.5	263.4	264.6	268.1	296.2		101%	99%	99%	99%	104%	
					10000000	2334.8	2331.9	2337.1	2329.3	2366.1	2719.5	2275.1	2303.8	2328.0	2326.6	2282.7	2510.1	97%	99%	100%	100%	96%	92%
					100000000	22683.4	22692.7	22698.4	22585.8	22651.8	23226.7	22684.9	22596.7	22756.2	22708.4	22728.9	23150.3	100%	100%	100%	101%	100%	100%
				10	1000000	261.9	264.0	263.9	267.4			264.3	264.0	266.7	215.0			101%	100%	101%	80%		
					10000000	2337.6	2335.0	2334.7	2309.8	2350.3		2329.4	2313.7	2341.1	2316.4	2334.6		100%	99%	100%	100%	99%	
					100000000	22753.1	22569.1	22765.4	22610.7	22677.0	23009.5	22538.5	22621.2	22690.1	22713.6	22785.3	23045.8	99%	100%	100%	100%	100%	100%
			100	1	1000000	270.7	277.0	272.9	296.9			268.9	269.4	267.4	264.2			99%	97%	98%	89%		
					10000000	2325.1	2293.0	2340.3	2356.7	2752.6		2345.6	2335.4	2351.9	2379.1	2976.0		101%	102%	100%	101%	108%	
					100000000	22639.7	22498.6	22702.6	22638.2	23131.8	28558.6	22647.9	22576.4	22611.4	22664.4	22971.1	28637.6	100%	100%	100%	100%	99%	100%
				10	1000000	265.2	265.5	276.0				266.3	269.7	264.1				100%	102%	96%			
					10000000	2333.0	2305.0	2355.2	2362.3			2354.8	2300.1	2359.5	2402.7			101%	100%	100%	102%		
					100000000	22460.5	22588.7	22538.4	22629.6	22846.1		22560.2	22586.5	22788.1	22428.3	22987.9		100%	100%	101%	99%	101%	
		random	5	1	1000000	269.8	228.7	266.5	272.0	280.3	429.4	269.6	226.3	266.3	260.1	283.4	425.6	100%	99%	100%	96%	101%	99%
					10000000	2283.2	2334.4	2344.2	2309.0	2305.6	2442.2	2352.8	2326.5	2354.6	2338.6	2367.5	2459.6	103%	100%	100%	101%	103%	101%
					100000000	23044.6	22690.7	22669.2	22482.5	22595.2	22781.7	23064.9	22622.3	22711.5	22380.4	22559.8	22981.2	100%	100%	100%	100%	100%	101%
				10	1000000	267.3	231.0	265.8	274.4	282.3		269.6	225.2	266.6	271.0	278.7		101%	97%	100%	99%	99%	
					10000000	2347.7	2323.5	2337.8	2293.9	2363.9	2393.7	2283.9	2332.3	2344.3	2276.5	2344.0	2567.9	97%	100%	100%	99%	99%	107%
					100000000	23142.6	22614.1	22666.6	22615.9	22500.3	22653.3	23038.7	22606.6	22652.7	22708.5	22519.5	22729.3	100%	100%	100%	100%	100%	100%
			10	1	1000000	265.5	224.5	264.2	250.2	296.0		263.8	225.7	267.1	251.8	298.0		99%	101%	101%	101%	101%	
					10000000	2335.8	2198.1	2332.3	2326.2	2360.7	2579.7	2263.8	2314.3	2322.7	2289.9	2376.6	2623.4	97%	105%	100%	98%	101%	102%
					100000000	23008.6	22642.6	22751.8	22585.2	22624.5	23134.6	23125.4	22616.0	22628.8	22614.7	22618.1	23016.1	101%	100%	99%	100%	100%	99%
				10	1000000	263.0	224.6	262.6	252.5			272.7	228.8	262.5	268.9			104%	102%	100%	106%		
					10000000	2343.3	2311.8	2249.7	2324.2	2374.3		2339.9	2318.9	2335.4	2322.4	2347.4		100%	100%	104%	100%	99%	
					100000000	22988.9	22523.4	22761.9	22583.1	22697.0	22998.0	23013.5	22446.2	22768.3	22617.8	22694.5	23015.4	100%	100%	100%	100%	100%	100%
			100	1	1000000	269.7	229.2	270.3	290.8			269.6	227.0	224.3	300.2			100%	99%	83%	103%		
					10000000	2330.8	2317.2	2287.5	2360.7	2634.2		2360.5	2236.4	2343.1	2371.2	2890.4		101%	97%	102%	100%	110%	
					100000000	23131.3	22555.2	22693.3	22665.0	23062.8	28732.3	23057.5	22653.1	22638.0	22532.6	23072.4	29402.5	100%	100%	100%	99%	100%	102%
				10	1000000	270.1	231.7	274.9				270.5	226.3	220.9				100%	98%	80%			
					10000000	2353.8	2332.8	2349.9	2391.9			2357.2	2321.7	2364.4	2374.4			100%	100%	101%	99%		
					100000000	23036.5	22574.5	22623.8	22596.0	22727.8		23077.7	22570.7	22738.0	22563.9	22913.7		100%	100%	101%	100%	101%	
		sequential	5	1	1000000	269.2	266.8	271.0	270.6	236.6	479.4	269.4	268.7	271.6	271.3	239.4	442.4	100%	101%	100%	100%	101%	92%
					10000000	2340.7	2305.3	2341.8	2330.1	2321.4	2581.9	2352.6	2320.1	2355.9	2313.6	2372.2	2603.4	101%	101%	101%	99%	102%	101%
					100000000	22729.1	22613.0	22685.6	22653.0	22475.9	22809.7	22745.1	22557.6	22467.0	22752.8	22608.8	22848.3	100%	100%	99%	100%	101%	100%
				10	1000000	271.0	267.2	268.7	269.3	282.6		269.6	269.6	270.6	273.3	286.0		99%	101%	101%	101%	101%	
					10000000	2328.6	2343.8	2343.3	2330.0	2325.6	2504.1	2343.9	2318.3	2294.7	2319.9	2295.9	2461.6	101%	99%	98%	100%	99%	98%
					100000000	22752.9	22701.0	22570.4	22572.9	22593.4	22785.8	22787.5	22596.4	22612.8	22576.8	22488.2	22935.6	100%	100%	100%	100%	100%	101%
			10	1	1000000	264.2	261.3	259.8	259.0	235.2		264.9	260.0	256.1	262.6	234.7		100%	100%	99%	101%	100%	
					10000000	2327.7	2284.9	2267.9	2268.2	2252.0	2799.3	2348.2	2271.6	2299.4	2252.8	2255.1	2503.9	101%	99%	101%	99%	100%	89%
					100000000	22755.4	22471.5	22216.3	22121.8	22232.4	22652.6	22722.0	22454.9	22331.0	22319.0	22083.4	22583.8	100%	100%	101%	101%	99%	100%
				10	1000000	263.8	256.9	258.6	260.7			265.4	260.8	259.9	258.3			101%	102%	101%	99%		
					10000000	2339.5	2255.8	2268.7	2251.7	2258.7		2336.7	2307.3	2285.3	2259.6	2322.9		100%	102%	101%	100%	103%	
					100000000	22728.0	22321.9	22195.2	22202.7	22099.6	22776.9	22677.5	22330.1	22152.6	22179.5	22157.7	22593.1	100%	100%	100%	100%	100%	99%
			100	1	1000000	269.1	265.8	262.6	295.3			270.9	262.2	263.9	289.0			101%	99%	101%	98%		
					10000000	2369.5	2315.3	2299.8	2265.7	2929.2		2324.7	2323.8	2231.9	2338.1	2734.7		98%	100%	97%	103%	93%	
					100000000	22676.4	22607.5	22598.5	22618.0	22842.2	28785.9	22813.5	22807.2	22421.8	22574.0	22730.4	29086.1	101%	101%	99%	100%	100%	101%
				10	1000000	268.7	260.3	260.5				267.5	262.4	262.9				100%	101%	101%			
					10000000	2339.0	2329.2	2304.8	2324.0			2322.3	2309.2	2285.4	2314.6			99%	99%	99%	100%		

									100000000	22527.3	22455.5	22724.3	22488.1	22565.3	22798.0	22500.1	22561.0	22408.1	22640.8	101%	100%	99%	100%	100%