

SPL Crimson Windows Driver 2.9.86.9 (FW 1.09): Measured Roundtrip Latencies (ms)																
Sample Rate		44.1kHz														
USB buffer length (ms)		1			2			3			4			5		
Number of USB buffers		2	3	4	2	3	4	2	3	4	2	3	4	2	3	4
Default ASIO Buffer Size	32	7	8	9	10	12	14	13	16	19	16	20	24	19	24	29
	64	8.8	9.8	10.8	12.8	14.8	16.8	16.8	19.8	22.8	20.8	24.8	28.8	25.8	29.8	34.8
	128	11.3	12.3	13.3	16.3	18.3	20.3	21.3	24.3	27.3	26.3	30.3	34.3	31.3	36.3	41.3
	256	15.2	16.2	17.2	21.2	23.2	25.2	27.2	30.2	33.2	33.2	37.2	41.2	39.2	44.2	49.2
	512	22	23	24	29	31	33	36	39	42	43	47	51	50	55	60
	1024	34.5	25.5	36.5	42.5	44.5	46.5	50.5	53.5	56.5	58.5	62.5	66.5	66.5	71.5	76.5
	2048	58.8	59.8	60.8	67.8	69.8	71.8	76.8	79.8	82.8	85.8	89.8	93.8	94.8	99.8	104.8
	4096	106.3	107.3	108.3	116.3	118.3	120.3	126.3	129.3	132.3	136.3	140.3	144.3	146.3	151.3	156.3
Sample Rate		192kHz														
USB buffer length (ms)		1			2			3			4			5		
Number of USB buffers		2	3	4	2	3	4	2	3	4	2	3	4	2	3	4
Default ASIO Buffer Size	32	5.9	6.9	7.9	8.8	10.8	12.8	11,8	14,8	17.8	14.8	18.8	22.8	17.8	22.8	27.8
	64	6.9	7.9	8.9	10.9	12.9	14.9	14.9	17.9	20.9	18.9	22.9	26.9	22.9	27.9	32.9
	128	8.3	9.3	10.3	13.3	15.3	17.3	18.3	21.3	24.3	23.3	27.3	31.3	38.3	33.3	38.3
	256	10	11	12	15.9	17.9	19.9	21.9	24.9	27.9	27.9	31.9	35.9	33.9	38.9	43.9
	512	12.2	13.2	14.2	19.3	21.3	23.3	26.3	29.3	32.3	33.3	37.3	41.3	40.3	45.3	50.3
	1024	15.9	16.9	17.9	23.9	25.9	27.9	31.9	34.9	37.9	39.9	43.9	47.9	47.9	52.9	57.9
	2048	22.3	23.3	24.3	31.3	33.3	35.5	40.3	43.3	46.3	49.3	53.3	57.3	58.3	63.3	68.3
	4096	33.9	34.9	35.9	43.9	45.9	47.9	53.9	56.9	59.9	63.9	67.9	71.9	73.9	78.3	83.9

Performance Mode

Custom
Highspeed
Rapid
Fast
Normal
Relaxed Normal
Relaxed