

Figure 10 is a line graph showing the 99th Percentile Latency (us) on the Y-axis (log scale, 1e1 to 1e3) versus Throughput (IOPS) on the X-axis (linear scale, 0.2 to 1.6). The graph compares four configurations: baseline (blue), baseline + 100MB (orange), baseline + 100MB + 100MB (green), and baseline + 100MB + 100MB + 100MB (red). All configurations show an increase in latency as throughput increases, with the red configuration (baseline + 100MB + 100MB + 100MB) showing the highest latency at high throughput.

Throughput (IOPS)	Baseline (blue)	Baseline + 100MB (orange)	Baseline + 100MB + 100MB (green)	Baseline + 100MB + 100MB + 100MB (red)
0.1	15	55	15	15
0.2	18	48	15	15
0.3	16	50	15	15
0.4	35	52	19	14
0.6	115	55	35	18
0.7	-	42	40	20
1.0	-	55	125	55
1.2	-	180	200	180
1.5	-	850	350	850
1.6	-	1100	380	1100

This chart illustrates the performance of various engines across different job counts. The x-axis represents Throughput (IOPS) in millions, and the y-axis represents Latency (ms) in milliseconds. The legend identifies the data series by job count (1 to 10) and engine type (io\_uring).

Jobs	Engine	Throughput (IOPS)	Latency (ms)
1	io_uring	0.15	1.5
1	io_uring	0.2	1.0
1	io_uring	0.3	1.2
1	io_uring	0.4	1.8
1	io_uring	0.58	2.5
2	io_uring	0.15	1.5
2	io_uring	0.2	1.5
2	io_uring	0.3	1.6
2	io_uring	0.4	1.8
2	io_uring	0.7	2.2
2	io_uring	1.0	2.8
2	io_uring	1.08	2.9
3	io_uring	0.15	1.4
3	io_uring	0.2	1.4
3	io_uring	0.3	1.5
3	io_uring	0.4	1.3
3	io_uring	0.7	2.0
3	io_uring	1.0	2.6
3	io_uring	1.38	3.0
3	io_uring	1.4	3.0
4	io_uring	0.15	1.6
4	io_uring	0.2	1.6
4	io_uring	0.3	1.7
4	io_uring	0.4	1.8
4	io_uring	0.95	2.7
4	io_uring	1.08	2.9
5	io_uring	0.15	1.7
5	io_uring	0.2	1.7
5	io_uring	0.3	1.7
5	io_uring	0.4	1.9
5	io_uring	0.65	2.5
5	io_uring	0.66	2.6
5	io_uring	0.67	2.4
5	io_uring	0.68	2.5
5	io_uring	0.69	2.4
5	io_uring	0.7	2.5
5	io_uring	0.71	2.4
5	io_uring	0.72	2.5
5	io_uring	0.73	2.4
5	io_uring	0.74	2.5
5	io_uring	0.75	2.4
5	io_uring	0.76	2.5
5	io_uring	0.77	2.4
5	io_uring	0.78	2.5
5	io_uring	0.79	2.4
5	io_uring	0.8	2.5
5	io_uring	0.81	2.4
5	io_uring	0.82	2.5
5	io_uring	0.83	2.4
5	io_uring	0.84	2.5
5	io_uring	0.85	2.4
5	io_uring	0.86	2.5
5	io_uring	0.87	2.4
5	io_uring	0.88	2.5
5	io_uring	0.89	2.4
5	io_uring	0.9	2.5
5	io_uring	0.91	2.4
5	io_uring	0.92	2.5
5	io_uring	0.93	2.4
5	io_uring	0.94	2.5
5	io_uring	0.95	2.4
5	io_uring	0.96	2.5
5	io_uring	0.97	2.4
5	io_uring	0.98	2.5
5	io_uring	0.99	2.4
5	io_uring	1.0	2.5
5	io_uring	1.01	2.4
5	io_uring	1.02	2.5
5	io_uring	1.03	2.4
5	io_uring	1.04	2.5
5	io_uring	1.05	2.4
5	io_uring	1.06	2.5
5	io_uring	1.07	2.4
5	io_uring	1.08	2.5
5	io_uring	1.09	2.4
5	io_uring	1.1	2.5
5	io_uring	1.11	2.4
5	io_uring	1.12	2.5
5	io_uring	1.13	2.4
5	io_uring	1.14	2.5
5	io_uring	1.15	2.4
5	io_uring	1.16	2.5
5	io_uring	1.17	2.4
5	io_uring	1.18	2.5
5	io_uring	1.19	2.4
5	io_uring	1.2	2.5
5	io_uring	1.21	2.4
5	io_uring	1.22	2.5
5	io_uring	1.23	2.4
5	io_uring	1.24	2.5
5	io_uring	1.25	2.4
5	io_uring	1.26	2.5
5	io_uring	1.27	2.4
5	io_uring	1.28	2.5
5	io_uring		