

Large Database Query - 1024KiB with 1 I/O per stream

Test Run Sequence - Ramp-Up Interval

TR6				TR7				TR8				TR9				TR10			
Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms
0:00:00	636.70	636.70	1.63	0:07:00	1,595.93	319.19	2.11	0:14:00	663.12	663.12	1.56	0:21:00	1,049.21	524.60	1.77	0:28:00	642.99	642.99	1.61
0:00:05	1,543.92	308.78	2.64	0:07:05	2,498.13	416.35	2.22	0:14:05	691.85	691.85	1.52	0:21:05	1,177.97	588.99	1.78	0:28:05	648.02	648.02	1.62
0:00:10	1,927.49	240.94	3.23	0:07:10	2,925.11	487.52	2.15	0:14:10	699.61	699.61	1.50	0:21:10	1,174.82	587.41	1.78	0:28:10	654.10	654.10	1.60
0:00:15	3,202.56	228.75	3.63	0:07:15	3,243.04	405.38	2.32	0:14:15	688.70	688.70	1.52	0:21:15	1,164.76	582.38	1.80	0:28:15	659.13	659.13	1.59
0:00:20	4,071.41	239.49	3.94	0:07:20	3,885.60	431.73	2.40	0:14:20	834.25	417.12	1.55	0:21:20	1,173.78	586.89	1.79	0:28:20	660.81	660.81	1.59
0:00:25	4,594.23	255.24	3.90	0:07:25	4,365.85	436.59	2.37	0:14:25	1,289.96	644.98	1.63	0:21:25	1,164.97	582.48	1.80	0:28:25	649.91	649.91	1.61
0:00:30	5,044.91	280.27	3.74	0:07:30	4,660.29	388.36	2.43	0:14:30	1,284.93	642.46	1.63	0:21:30	1,662.41	554.14	1.77	0:28:30	649.49	649.49	1.61
0:00:35	5,288.18	264.41	3.75	0:07:35	5,191.29	370.81	2.59	0:14:35	2,465.83	493.17	1.77	0:21:35	1,791.81	597.27	1.75	0:28:35	650.75	650.75	1.61
0:00:40	5,731.73	249.21	4.09	0:07:40	5,549.06	396.36	2.64	0:14:40	2,945.87	589.17	1.78	0:21:40	1,780.27	593.42	1.77	0:28:40	646.34	646.34	1.62
0:00:45	5,756.05	250.26	4.19	0:07:45	5,778.49	361.16	2.79	0:14:45	2,912.11	582.42	1.80	0:21:45	1,803.76	601.25	1.75	0:28:45	646.34	646.34	1.62
0:00:50	5,793.17	231.73	4.29	0:07:50	5,863.01	366.44	2.86	0:14:50	2,963.28	592.66	1.77	0:21:50	2,062.13	515.53	1.78	0:28:50	661.86	661.86	1.58
0:00:55	5,886.08	235.44	4.45	0:07:55	5,865.52	366.60	2.86	0:14:55	3,005.43	500.90	1.78	0:21:55	2,313.79	578.45	1.81	0:28:55	645.29	645.29	1.62
0:01:00	5,895.93	235.84	4.45	0:08:00	5,868.88	366.80	2.86	0:15:00	3,735.66	533.67	1.90	0:22:00	2,338.32	584.58	1.79	0:29:00	654.10	654.10	1.60
0:01:05	5,891.74	235.67	4.45	0:08:05	5,865.94	366.62	2.86	0:15:05	3,806.96	543.85	1.93	0:22:05	2,295.75	573.94	1.82	0:29:05	647.39	647.39	1.62
0:01:10	5,977.72	221.40	4.52	0:08:10	5,854.20	365.89	2.86	0:15:10	3,789.97	541.42	1.94	0:22:10	2,289.25	572.31	1.83	0:29:10	652.63	652.63	1.61
0:01:15	6,193.52	213.57	4.76	0:08:15	5,860.49	366.28	2.86	0:15:15	4,206.68	525.83	1.99	0:22:15	2,298.69	574.67	1.82	0:29:15	649.28	649.28	1.61
0:01:20	6,213.23	194.16	5.23	0:08:20	5,872.03	367.00	2.86	0:15:20	4,193.47	524.18	2.00	0:22:20	2,288.41	572.10	1.83	0:29:20	650.75	650.75	1.61
0:01:25	6,220.36	194.39	5.39	0:08:25	5,863.22	366.45	2.86	0:15:25	4,219.05	527.38	1.99	0:22:25	2,288.62	572.16	1.83	0:29:25	651.17	651.17	1.61
0:01:30	6,194.78	193.59	5.42	0:08:30	5,869.30	366.83	2.86	0:15:30	4,213.39	526.67	1.99	0:22:30	2,291.77	572.94	1.83	0:29:30	652.21	652.21	1.61
0:01:35	6,215.54	194.24	5.40	0:08:35	5,866.36	366.65	2.86	0:15:35	4,218.21	527.28	1.99	0:22:35	2,262.83	565.71	1.85	0:29:35	651.59	651.59	1.61
0:01:40	6,214.91	194.22	5.40	0:08:40	5,866.78	366.67	2.86	0:15:40	4,192.00	524.00	2.00	0:22:40	2,277.30	569.32	1.84	0:29:40	650.12	650.12	1.61
0:01:45	6,223.09	194.47	5.39	0:08:45	5,855.67	365.98	2.86	0:15:45	4,223.24	527.91	1.99	0:22:45	2,261.99	565.50	1.85	0:29:45	656.20	656.20	1.60
0:01:50	6,210.93	194.09	5.40	0:08:50	5,864.48	366.53	2.86	0:15:50	4,205.21	525.65	1.99	0:22:50	2,269.54	567.38	1.85	0:29:50	656.20	656.20	1.60
0:01:55	6,227.49	194.61	5.39	0:08:55	5,861.33	366.33	2.86	0:15:55	4,180.04	522.51	2.01	0:22:55	2,243.95	560.99	1.86	0:29:55	653.68	653.68	1.60
0:02:00	6,206.31	193.95	5.40	0:09:00	5,860.49	366.28	2.86	0:16:00	4,198.08	524.76	2.00	0:23:00	2,259.05	564.76	1.86	0:30:00	640.05	640.05	1.64
0:02:05	6,220.15	194.38	5.39	0:09:05	5,859.44	366.22	2.86	0:16:05	4,202.90	525.36	1.99	0:23:05	2,247.52	561.88	1.87	0:30:05	654.31	654.31	1.60
0:02:10	6,222.67	194.46	5.39	0:09:10	5,850.22	365.64	2.86	0:16:10	4,205.00	525.62	1.99	0:23:10	2,223.82	555.95	1.88	0:30:10	649.07	649.07	1.61
0:02:15	6,229.17	194.66	5.39	0:09:15	5,862.59	366.41	2.86	0:16:15	4,202.27	525.28	2.00	0:23:15	2,225.92	556.48	1.88	0:30:15	649.91	649.91	1.61
0:02:20	6,211.55	194.11	5.39	0:09:20	5,856.51	366.03	2.86	0:16:20	4,207.31	525.91	1.99	0:23:20	2,228.01	557.00	1.88	0:30:20	651.38	651.38	1.61
0:02:25	6,219.94	194.37	5.40	0:09:25	5,855.04	365.94	2.86	0:16:25	4,217.58	527.20	1.99	0:23:25	2,221.30	555.33	1.89	0:30:25	652.84	652.84	1.60
0:02:30	6,220.36	194.39	5.39	0:09:30	5,861.54	366.35	2.86	0:16:30	4,215.90	526.99	1.99	0:23:30	2,228.22	557.06	1.88	0:30:30	645.08	645.08	1.62
0:02:35	6,207.99	194.00	5.40	0:09:35	5,862.59	366.41	2.86	0:16:35	4,193.47	524.18	2.00	0:23:35	2,223.40	555.85	1.89	0:30:35	648.02	648.02	1.62
0:02:40	6,218.48	194.33	5.40	0:09:40	5,864.48	366.53	2.86	0:16:40	4,184.45	523.06	2.00	0:23:40	2,242.27	560.57	1.87	0:30:40	649.28	649.28	1.62
0:02:45	6,223.09	194.47	5.39	0:09:45	5,868.25	366.77	2.86	0:16:45	4,222.41	527.80	1.99	0:23:45	2,224.45	556.11	1.88	0:30:45	657.67	657.67	1.59
0:02:50	6,220.36	194.39	5.40	0:09:50	5,873.07	367.07	2.86	0:16:50	4,212.13	526.52	1.99	0:23:50	2,246.89	561.72	1.87	0:30:50	654.73	654.73	1.60
0:02:55	6,213.23	194.16	5.39	0:09:55	5,865.73	366.61	2.86	0:16:55	4,210.87	526.36	1.99	0:23:55	2,226.13	556.53	1.88	0:30:55	651.79	651.79	1.61

Large Database Query - 1024KiB with 1 I/O per stream

Test Run Sequence = Measurement Interval

TR6				TR7				TR8				TR9				TR10			
Test Run Sequence Time	32 Streams			Test Run Sequence Time	16 Streams			Test Run Sequence Time	8 Streams			Test Run Sequence Time	4 Streams			Test Run Sequence Time	1 Stream		
	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms		Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms		Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms		Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms		Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms
0:03:00	6,217.22	194.29	5.40	0:10:00	5,854.83	365.93	2.86	0:17:00	4,182.98	522.87	2.00	0:24:00	2,222.56	555.64	1.89	0:31:00	655.15	655.15	1.60
0:03:05	6,220.99	194.41	5.39	0:10:05	5,865.52	366.60	2.86	0:17:05	4,202.69	525.34	2.00	0:24:05	2,233.89	558.47	1.88	0:31:05	653.47	653.47	1.60
0:03:10	6,221.62	194.43	5.39	0:10:10	5,864.69	366.54	2.86	0:17:10	4,203.95	525.49	1.99	0:24:10	2,240.81	560.20	1.87	0:31:10	646.76	646.76	1.62
0:03:15	6,219.52	194.36	5.39	0:10:15	5,876.43	367.28	2.85	0:17:15	4,205.84	525.73	1.99	0:24:15	2,237.87	559.47	1.87	0:31:15	653.05	653.05	1.61
0:03:20	6,218.27	194.32	5.40	0:10:20	5,860.70	366.29	2.86	0:17:20	4,213.18	526.65	1.99	0:24:20	2,244.79	561.20	1.87	0:31:20	638.79	638.79	1.64
0:03:25	6,216.80	194.27	5.40	0:10:25	5,862.59	366.41	2.86	0:17:25	4,186.13	523.27	2.00	0:24:25	2,229.27	557.32	1.88	0:31:25	653.89	653.89	1.60
0:03:30	6,224.35	194.51	5.39	0:10:30	5,879.37	367.46	2.85	0:17:30	4,203.11	525.39	2.00	0:24:30	2,238.71	559.68	1.87	0:31:30	646.55	646.55	1.62
0:03:35	6,214.70	194.21	5.40	0:10:35	5,865.31	366.58	2.86	0:17:35	4,194.09	524.26	2.00	0:24:35	2,219.21	554.80	1.89	0:31:35	654.10	654.10	1.60
0:03:40	6,217.64	194.30	5.40	0:10:40	5,877.69	367.36	2.85	0:17:40	4,200.39	525.05	2.00	0:24:40	2,241.23	560.31	1.87	0:31:40	647.60	647.60	1.62
0:03:45	6,216.80	194.27	5.40	0:10:45	5,873.91	367.12	2.86	0:17:45	4,206.89	525.86	1.99	0:24:45	2,223.19	555.80	1.89	0:31:45	653.26	653.26	1.60
0:03:50	6,219.94	194.37	5.39	0:10:50	5,873.28	367.08	2.86	0:17:50	4,194.51	524.31	2.00	0:24:50	2,241.65	560.41	1.87	0:31:50	650.54	650.54	1.61
0:03:55	6,221.20	194.41	5.40	0:10:55	5,868.46	366.78	2.86	0:17:55	4,166.83	520.85	2.01	0:24:55	2,230.95	557.74	1.88	0:31:55	651.59	651.59	1.61
0:04:00	6,219.73	194.37	5.39	0:11:00	5,867.41	366.71	2.86	0:18:00	4,158.65	519.83	2.02	0:25:00	2,227.18	556.79	1.88	0:32:00	656.62	656.62	1.60
0:04:05	6,212.81	194.15	5.40	0:11:05	5,877.69	367.36	2.85	0:18:05	4,176.27	522.03	2.01	0:25:05	2,250.87	562.72	1.86	0:32:05	654.52	654.52	1.60
0:04:10	6,215.33	194.23	5.40	0:11:10	5,876.01	367.25	2.85	0:18:10	4,143.97	518.00	2.02	0:25:10	2,260.94	565.23	1.86	0:32:10	645.71	645.71	1.62
0:04:15	6,212.81	194.15	5.40	0:11:15	5,863.43	366.46	2.86	0:18:15	4,141.25	517.66	2.02	0:25:15	2,225.08	556.27	1.88	0:32:15	656.83	656.83	1.59
0:04:20	6,226.86	194.59	5.39	0:11:20	5,870.77	366.92	2.86	0:18:20	4,146.70	518.34	2.02	0:25:20	2,233.47	558.37	1.88	0:32:20	644.66	644.66	1.63
0:04:25	6,219.10	194.35	5.40	0:11:25	5,879.58	367.47	2.85	0:18:25	4,139.36	517.42	2.03	0:25:25	2,247.10	561.77	1.87	0:32:25	655.15	655.15	1.60
0:04:30	6,209.46	194.05	5.40	0:11:30	5,869.72	366.86	2.86	0:18:30	4,139.99	517.50	2.03	0:25:30	2,241.23	560.31	1.87	0:32:30	638.58	638.58	1.64
0:04:35	6,217.01	194.28	5.40	0:11:35	5,876.22	367.26	2.85	0:18:35	4,128.45	516.06	2.03	0:25:35	2,228.01	557.00	1.88	0:32:35	656.62	656.62	1.60
0:04:40	6,220.78	194.40	5.39	0:11:40	5,873.49	367.09	2.86	0:18:40	4,153.62	519.20	2.02	0:25:40	2,232.42	558.10	1.88	0:32:40	659.55	659.55	1.59
0:04:45	6,212.39	194.14	5.40	0:11:45	5,881.67	367.60	2.85	0:18:45	4,120.06	515.01	2.04	0:25:45	2,252.76	563.19	1.86	0:32:45	658.51	658.51	1.59
0:04:50	6,220.57	194.39	5.39	0:11:50	5,873.70	367.11	2.86	0:18:50	4,128.24	516.03	2.03	0:25:50	2,236.19	559.05	1.87	0:32:50	658.51	658.51	1.59
0:04:55	6,224.98	194.53	5.39	0:11:55	5,864.06	366.50	2.86	0:18:55	4,127.82	515.98	2.03	0:25:55	2,230.95	557.74	1.88	0:32:55	656.20	656.20	1.60
0:05:00	6,201.28	193.79	5.41	0:12:00	5,877.69	367.36	2.85	0:19:00	4,138.94	517.37	2.03	0:26:00	2,237.66	559.42	1.87	0:33:00	650.54	650.54	1.61
0:05:05	6,216.80	194.27	5.40	0:12:05	5,882.72	367.67	2.85	0:19:05	4,145.65	518.21	2.02	0:26:05	2,238.08	559.52	1.87	0:33:05	639.63	639.63	1.64
0:05:10	6,223.30	194.48	5.39	0:12:10	5,879.16	367.45	2.85	0:19:10	4,138.73	517.34	2.03	0:26:10	2,232.00	558.00	1.88	0:33:10	649.70	649.70	1.61
0:05:15	6,226.02	194.56	5.39	0:12:15	5,874.96	367.19	2.86	0:19:15	4,145.86	518.23	2.02	0:26:15	2,206.62	551.66	1.90	0:33:15	642.99	642.99	1.63
0:05:20	6,218.06	194.31	5.40	0:12:20	5,864.69	366.54	2.86	0:19:20	4,138.10	517.26	2.03	0:26:20	2,218.37	554.59	1.89	0:33:20	645.92	645.92	1.62
0:05:25	6,215.96	194.25	5.40	0:12:25	5,877.06	367.32	2.85	0:19:25	4,142.29	517.79	2.02	0:26:25	2,238.92	559.73	1.87	0:33:25	662.07	662.07	1.58
0:05:30	6,222.25	194.45	5.39	0:12:30	5,870.35	366.90	2.86	0:19:30	4,143.34	517.92	2.02	0:26:30	2,228.85	557.21	1.88	0:33:30	685.35	685.35	1.53
0:05:35	6,221.62	194.43	5.39	0:12:35	5,852.94	365.81	2.87	0:19:35	4,149.42	518.68	2.02	0:26:35	2,225.50	556.37	1.88	0:33:35	670.25	670.25	1.56
0:05:40	6,224.77	194.52	5.39	0:12:40	5,865.94	366.62	2.86	0:19:40	4,133.49	516.69	2.03	0:26:40	2,234.73	558.68	1.88	0:33:40	666.06	666.06	1.57
0:05:45	6,220.15	194.38	5.39	0:12:45	5,876.85	367.30	2.85	0:19:45	4,139.78	517.47	2.03	0:26:45	2,241.02	560.25	1.87	0:33:45	654.10	654.10	1.60
0:05:50	6,214.49	194.20	5.40	0:12:50	5,859.23	366.20	2.86	0:19:50	4,145.65	518.21	2.02	0:26:50	2,231.79	557.95	1.88	0:33:50	645.29	645.29	1.62
0:05:55	6,215.75	194.24	5.40	0:12:55	5,873.91	367.12	2.85	0:19:55	4,149.63	518.70	2.02	0:26:55	2,230.32	557.58	1.88	0:33:55	647.60	647.60	1.62
0:06:00	6,220.36	194.39	5.39	0:13:00	5,879.58	367.47	2.85	0:20:00	4,161.80	520.22	2.01	0:27:00	2,221.93	555.48	1.89	0:34:00	644.87	644.87	1.62

Large Database Query - 1024KiB with 1 I/O per stream

Test Run Sequence = Run-Out & Ramp-Down Intervals

TR6	32 Streams			TR7	16 Streams			TR8	8 Streams			TR9	4 Streams			TR10	1 Stream		
Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms	Test Run Sequence Time	Data Rate, MB/sec	Data Rate / Stream, MB/sec	Response Time, ms
0:06:05	6,223.09	194.47	5.39	0:13:05	5,875.59	367.22	2.86	0:20:05	4,152.78	519.10	2.02	0:27:05	2,238.71	559.68	1.87	0:34:05	654.73	654.73	1.60
0:06:10	6,217.64	194.30	5.39	0:13:10	5,877.69	367.36	2.85	0:20:10	4,150.89	518.86	2.02	0:27:10	2,218.16	554.54	1.89	0:34:10	657.88	657.88	1.59
0:06:15	6,189.95	193.44	5.42	0:13:15	5,872.45	367.03	2.86	0:20:15	4,135.16	516.90	2.03	0:27:15	2,215.43	553.86	1.89	0:34:15	643.62	643.62	1.63
0:06:20	6,219.52	194.36	5.40	0:13:20	5,872.86	367.05	2.86	0:20:20	4,127.20	515.90	2.03	0:27:20	2,243.74	560.94	1.87	0:34:20	648.23	648.23	1.62
0:06:25	6,220.15	194.38	5.39	0:13:25	5,872.65	367.04	2.86	0:20:25	4,159.91	519.99	2.02	0:27:25	2,237.87	559.47	1.87	0:34:25	671.51	671.51	1.56
0:06:30	6,217.85	194.31	5.40	0:13:30	5,884.19	367.76	2.85	0:20:30	4,149.01	518.63	2.02	0:27:30	2,239.55	559.89	1.87	0:34:30	655.57	655.57	1.60
0:06:35	6,220.78	194.40	5.39	0:13:35	5,869.93	366.87	2.86	0:20:35	4,149.84	518.73	2.02	0:27:35	2,210.61	552.65	1.89	0:34:35	645.92	645.92	1.62
0:06:40	6,219.10	194.35	5.39	0:13:40	5,877.90	367.37	2.85	0:20:40	4,168.93	521.12	2.01	0:27:40	2,222.98	555.75	1.89	0:34:40	649.49	649.49	1.61
0:06:45	76.97	0.00	5.34	0:13:45	67.74	0.00	2.86	0:20:45	46.77	0.00	2.11	0:27:45	25.38	0.00	1.88	0:34:45	7.55	0.00	1.62
0:06:50	0.00	0.00	0.00	0:13:50	0.00	0.00	0.00	0:20:50	0.00	0.00	0.00	0:27:50	0.00	0.00	0.00	0:34:50	0.00	0.00	0.00
0:06:55	0.00	0.00	0.00	0:13:55	0.00	0.00	0.00	0:20:55	0.00	0.00	0.00	0:27:55	0.00	0.00	0.00	0:34:55	0.00	0.00	0.00