

Large Database Query - 64KiB with 4 I/Os per stream

Test Run Sequence - Ramp-Up Interval

TR11	96 Streams			TR12	48 Streams			TR13	24 Streams			TR14	12 Streams			TR15	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
0:00:00	0.00	0.00	0.00	0:07:00	0.00	0.00	0.00	0:14:00	0.00	0.00	0.00	0:21:00	0.00	0.00	0.00	0:28:05	2,265.77	2,265.77	0.11
0:00:05	11,676.27	898.17	0.14	0:07:05	6,231.00	890.14	0.14	0:14:05	5,848.95	1,462.24	0.13	0:21:05	3,252.22	1,626.11	0.12	0:28:10	2,229.35	2,229.35	0.12
0:00:10	31,049.60	1,411.35	0.16	0:07:10	19,299.21	1,378.51	0.15	0:14:10	7,817.28	1,563.46	0.14	0:21:10	5,358.60	1,339.65	0.13	0:28:15	2,255.78	2,255.78	0.12
0:00:15	44,191.33	1,425.53	0.17	0:07:15	26,537.10	1,326.85	0.16	0:14:15	12,781.60	1,825.94	0.14	0:21:15	9,451.98	1,350.28	0.14	0:28:20	2,308.48	2,308.48	0.11
0:00:20	48,884.84	1,192.31	0.20	0:07:20	35,590.82	1,423.63	0.16	0:14:20	18,118.31	1,509.86	0.15	0:21:20	13,183.59	1,883.37	0.14	0:28:25	2,285.20	2,285.20	0.11
0:00:25	49,199.74	1,069.56	0.23	0:07:25	41,276.42	1,474.16	0.16	0:14:25	21,536.82	1,435.79	0.16	0:21:25	13,273.08	1,896.15	0.14	0:28:30	2,233.32	2,233.32	0.12
0:00:30	49,784.78	905.18	0.26	0:07:30	43,894.37	1,513.60	0.17	0:14:30	23,929.00	1,595.27	0.16	0:21:30	13,179.61	1,882.80	0.14	0:28:35	2,234.93	2,234.93	0.12
0:00:35	50,507.62	841.79	0.29	0:07:35	45,400.55	1,464.53	0.17	0:14:35	25,787.78	1,516.93	0.17	0:21:35	13,421.83	1,917.40	0.14	0:28:40	2,170.17	2,170.17	0.12
0:00:40	50,593.90	790.53	0.32	0:07:40	46,300.33	1,446.89	0.17	0:14:40	30,224.10	1,511.21	0.16	0:21:40	13,329.56	1,904.22	0.14	0:28:45	2,328.96	2,328.96	0.11
0:00:45	50,616.33	703.00	0.35	0:07:45	47,652.28	1,323.67	0.19	0:14:45	33,353.89	1,588.28	0.16	0:21:45	13,300.82	1,900.12	0.14	0:28:50	2,229.49	2,229.49	0.12
0:00:50	50,590.58	665.67	0.38	0:07:50	48,274.53	1,237.81	0.20	0:14:50	34,884.70	1,585.67	0.16	0:21:50	13,039.26	1,862.75	0.14	0:28:55	2,280.35	2,280.35	0.11
0:00:55	50,603.53	640.55	0.40	0:07:55	48,458.79	1,211.47	0.21	0:14:55	35,058.82	1,593.58	0.16	0:21:55	13,947.24	1,743.40	0.14	0:29:00	2,286.82	2,286.82	0.11
0:01:00	50,600.61	624.70	0.41	0:08:00	48,579.01	1,214.48	0.21	0:15:00	36,523.31	1,587.97	0.16	0:22:00	14,746.69	1,843.34	0.14	0:29:05	2,224.85	2,224.85	0.12
0:01:05	50,622.63	575.26	0.44	0:08:05	48,675.19	1,158.93	0.22	0:15:05	36,309.83	1,578.69	0.16	0:22:05	16,835.76	1,683.58	0.14	0:29:10	2,330.45	2,330.45	0.11
0:01:10	50,608.57	575.10	0.45	0:08:10	48,625.10	1,105.12	0.23	0:15:10	36,446.07	1,584.61	0.16	0:22:10	18,635.82	1,694.17	0.15	0:29:15	2,345.19	2,345.19	0.11
0:01:15	50,610.16	556.16	0.46	0:08:15	48,668.30	1,058.01	0.24	0:15:15	36,702.79	1,595.77	0.16	0:22:15	19,356.41	1,759.67	0.15	0:29:20	2,258.10	2,258.10	0.11
0:01:20	50,598.92	544.07	0.47	0:08:20	48,489.79	1,054.13	0.25	0:15:20	36,573.75	1,590.16	0.16	0:22:20	19,245.96	1,749.63	0.15	0:29:25	2,189.94	2,189.94	0.12
0:01:25	50,605.92	538.36	0.48	0:08:25	48,677.51	1,035.69	0.25	0:15:25	37,025.93	1,542.75	0.16	0:22:25	19,655.33	1,637.94	0.15	0:29:30	2,257.53	2,257.53	0.11
0:01:30	50,612.83	527.22	0.49	0:08:30	48,589.66	1,012.28	0.26	0:15:30	37,750.60	1,572.94	0.17	0:22:30	20,506.33	1,708.86	0.15	0:29:35	2,403.19	2,403.19	0.11
0:01:35	50,611.62	527.20	0.50	0:08:35	48,802.14	1,016.71	0.26	0:15:35	37,740.46	1,572.52	0.17	0:22:35	20,719.61	1,726.63	0.15	0:29:40	2,248.51	2,248.51	0.12
0:01:40	50,607.36	527.16	0.50	0:08:40	48,752.91	1,015.69	0.26	0:15:40	37,491.64	1,562.15	0.17	0:22:40	20,930.89	1,744.24	0.15	0:29:45	2,131.08	2,131.08	0.12
0:01:45	50,625.09	527.34	0.50	0:08:45	48,631.08	1,013.15	0.26	0:15:45	37,684.36	1,570.18	0.17	0:22:45	20,577.27	1,714.77	0.15	0:29:50	2,196.76	2,196.76	0.12
0:01:50	50,607.88	527.17	0.50	0:08:50	48,585.98	1,012.21	0.26	0:15:50	37,775.04	1,573.96	0.17	0:22:50	20,611.19	1,717.60	0.15	0:29:55	2,325.23	2,325.23	0.11
0:01:55	50,625.36	527.35	0.50	0:08:55	48,677.79	1,014.12	0.26	0:15:55	37,538.77	1,564.12	0.17	0:22:55	20,811.78	1,734.31	0.15	0:30:00	2,336.33	2,336.33	0.11
0:02:00	50,607.84	527.17	0.50	0:09:00	48,714.82	1,014.89	0.26	0:16:00	37,956.85	1,581.54	0.16	0:23:00	20,606.05	1,717.17	0.15	0:30:05	2,340.41	2,340.41	0.11
0:02:05	50,609.64	527.18	0.50	0:09:05	48,591.07	1,012.31	0.26	0:16:05	37,769.59	1,573.73	0.17	0:23:05	20,683.89	1,723.66	0.15	0:30:10	2,282.42	2,282.42	0.11
0:02:10	50,614.72	527.24	0.50	0:09:10	48,711.11	1,014.81	0.26	0:16:10	37,740.56	1,572.52	0.17	0:23:10	20,861.53	1,738.46	0.15	0:30:15	2,260.33	2,260.33	0.11
0:02:15	50,630.79	527.40	0.50	0:09:15	48,692.92	1,014.44	0.26	0:16:15	37,420.91	1,559.20	0.17	0:23:15	20,607.57	1,717.30	0.15	0:30:20	2,353.89	2,353.89	0.11
0:02:20	50,616.35	527.25	0.50	0:09:20	48,491.27	1,010.23	0.26	0:16:20	37,587.62	1,566.15	0.17	0:23:20	20,631.34	1,719.28	0.15	0:30:25	2,339.59	2,339.59	0.11
0:02:25	50,607.69	527.16	0.50	0:09:25	48,806.44	1,016.80	0.26	0:16:25	37,481.98	1,561.75	0.17	0:23:25	20,856.44	1,738.04	0.15	0:30:30	2,238.07	2,238.07	0.12
0:02:30	50,614.95	527.24	0.50	0:09:30	48,691.58	1,014.41	0.26	0:16:30	37,489.61	1,562.07	0.17	0:23:30	20,785.13	1,732.09	0.15	0:30:35	2,342.14	2,342.14	0.11
0:02:35	50,608.10	527.17	0.50	0:09:35	48,608.59	1,012.68	0.26	0:16:35	37,707.22	1,571.13	0.17	0:23:35	20,610.34	1,717.53	0.15	0:30:40	2,298.38	2,298.38	0.11
0:02:40	50,640.95	527.51	0.50	0:09:40	48,742.44	1,015.47	0.26	0:16:40	37,711.93	1,571.33	0.17	0:23:40	20,638.35	1,719.86	0.15	0:30:45	2,309.07	2,309.07	0.11
0:02:45	50,605.44	527.14	0.50	0:09:45	48,558.54	1,011.64	0.26	0:16:45	37,422.64	1,559.28	0.17	0:23:45	20,601.57	1,716.80	0.15	0:30:50	2,265.20	2,265.20	0.11
0:02:50	50,612.96	527.22	0.50	0:09:50	48,786.77	1,016.39	0.26	0:16:50	37,800.53	1,575.02	0.17	0:23:50	20,720.88	1,726.74	0.15	0:30:55	2,230.05	2,230.05	0.12
0:02:55	50,603.29	527.12	0.50	0:09:55	48,578.37	1,012.05	0.26	0:16:55	37,629.15	1,567.88	0.17	0:23:55	20,614.27	1,717.86	0.15	0:31:00	2,237.50	2,237.50	0.12
0:03:00	50,597.47	527.06	0.50	0:10:00	48,527.91	1,011.00	0.26	0:17:00	37,672.66	1,569.69	0.17	0:24:00	20,720.39	1,726.70	0.15				

Large Database Query - 64KiB with 4 I/Os per stream

Test Run Sequence = Measurement Interval

TR11	96 Streams			TR12	48 Streams			TR13	24 Streams			TR14	12 Streams			TR15	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
0:03:05	50,639.20	527.49	0.50	0:10:05	48,619.59	1,012.91	0.26	0:17:05	37,824.56	1,576.02	0.17	0:24:05	20,363.03	1,696.92	0.15	0:31:05	2,269.76	2,269.76	0.11
0:03:10	50,629.38	527.39	0.50	0:10:10	48,621.36	1,012.94	0.26	0:17:10	37,640.68	1,568.36	0.17	0:24:10	20,590.93	1,715.91	0.15	0:31:10	2,248.73	2,248.73	0.12
0:03:15	50,588.88	526.97	0.50	0:10:15	48,781.63	1,016.28	0.26	0:17:15	38,119.82	1,588.33	0.16	0:24:15	20,565.88	1,713.82	0.15	0:31:15	2,304.54	2,304.54	0.11
0:03:20	50,613.53	527.22	0.50	0:10:20	48,688.36	1,014.34	0.26	0:17:20	37,434.50	1,559.77	0.17	0:24:20	20,816.16	1,734.68	0.15	0:31:20	2,268.39	2,268.39	0.11
0:03:25	50,624.40	527.34	0.50	0:10:25	48,702.50	1,014.64	0.26	0:17:25	37,738.63	1,572.44	0.17	0:24:25	20,601.11	1,716.76	0.15	0:31:25	2,211.88	2,211.88	0.12
0:03:30	50,591.50	526.99	0.50	0:10:30	48,562.08	1,011.71	0.26	0:17:30	38,082.61	1,586.78	0.16	0:24:30	20,730.44	1,727.54	0.15	0:31:30	2,229.21	2,229.21	0.12
0:03:35	50,649.74	527.60	0.50	0:10:35	48,658.77	1,013.72	0.26	0:17:35	37,941.31	1,580.89	0.16	0:24:35	20,369.57	1,697.46	0.15	0:31:35	2,225.19	2,225.19	0.12
0:03:40	50,574.62	526.82	0.50	0:10:40	48,686.84	1,014.31	0.26	0:17:40	37,820.40	1,575.85	0.17	0:24:40	20,758.34	1,729.86	0.15	0:31:40	2,262.98	2,262.98	0.11
0:03:45	50,604.95	527.13	0.50	0:10:45	48,610.79	1,012.72	0.26	0:17:45	37,566.60	1,565.27	0.17	0:24:45	20,764.89	1,730.41	0.15	0:31:45	2,284.42	2,284.42	0.11
0:03:50	50,606.54	527.15	0.50	0:10:50	48,663.76	1,013.83	0.26	0:17:50	37,682.36	1,570.10	0.17	0:24:50	20,641.23	1,720.10	0.15	0:31:50	2,249.88	2,249.88	0.12
0:03:55	50,599.83	527.08	0.50	0:10:55	48,613.15	1,012.77	0.26	0:17:55	37,761.51	1,573.40	0.17	0:24:55	20,611.29	1,717.61	0.15	0:31:55	2,321.95	2,321.95	0.11
0:04:00	50,612.88	527.22	0.50	0:11:00	48,664.29	1,013.84	0.26	0:18:00	37,912.13	1,579.67	0.17	0:25:00	20,641.01	1,720.08	0.15	0:32:00	2,269.96	2,269.96	0.11
0:04:05	50,614.56	527.24	0.50	0:11:05	48,695.40	1,014.49	0.26	0:18:05	37,879.14	1,578.30	0.17	0:25:05	20,618.63	1,718.22	0.15	0:32:05	2,261.93	2,261.93	0.11
0:04:10	50,613.30	527.22	0.50	0:11:10	48,649.25	1,013.53	0.26	0:18:10	37,666.63	1,569.44	0.17	0:25:10	20,780.15	1,731.68	0.15	0:32:10	2,279.50	2,279.50	0.11
0:04:15	50,610.53	527.19	0.50	0:11:15	48,711.34	1,014.82	0.26	0:18:15	37,569.85	1,565.41	0.17	0:25:15	20,572.08	1,714.34	0.15	0:32:15	2,192.11	2,192.11	0.12
0:04:20	50,607.76	527.16	0.50	0:11:20	48,668.09	1,013.92	0.26	0:18:20	37,426.30	1,559.43	0.17	0:25:20	20,456.31	1,704.69	0.15	0:32:20	2,163.94	2,163.94	0.12
0:04:25	50,610.58	527.19	0.50	0:11:25	48,593.00	1,012.35	0.26	0:18:25	37,852.74	1,577.20	0.17	0:25:25	20,558.39	1,713.20	0.15	0:32:25	2,266.00	2,266.00	0.11
0:04:30	50,623.51	527.33	0.50	0:11:30	48,678.89	1,014.14	0.26	0:18:30	37,774.94	1,573.96	0.17	0:25:30	20,708.13	1,725.68	0.15	0:32:30	2,276.56	2,276.56	0.11
0:04:35	50,591.55	527.00	0.50	0:11:35	48,674.90	1,014.06	0.26	0:18:35	37,641.71	1,568.40	0.17	0:25:35	20,797.05	1,733.09	0.15	0:32:35	2,301.53	2,301.53	0.11
0:04:40	50,648.84	527.59	0.50	0:11:40	48,545.06	1,011.36	0.26	0:18:40	37,839.21	1,576.63	0.17	0:25:40	20,717.83	1,726.49	0.15	0:32:40	2,209.46	2,209.46	0.12
0:04:45	50,585.36	526.93	0.50	0:11:45	48,644.46	1,013.43	0.26	0:18:45	37,578.15	1,565.76	0.17	0:25:45	20,674.43	1,722.87	0.15	0:32:45	2,332.39	2,332.39	0.11
0:04:50	50,610.15	527.19	0.50	0:11:50	48,634.37	1,013.22	0.26	0:18:50	37,650.21	1,568.76	0.17	0:25:50	20,615.35	1,717.95	0.15	0:32:50	2,236.68	2,236.68	0.12
0:04:55	50,610.76	527.20	0.50	0:11:55	48,645.92	1,013.46	0.26	0:18:55	37,883.28	1,578.47	0.17	0:25:55	20,616.51	1,718.04	0.15	0:32:55	2,160.69	2,160.69	0.12
0:05:00	50,610.80	527.20	0.50	0:12:00	48,651.27	1,013.57	0.26	0:19:00	38,006.35	1,583.60	0.16	0:26:00	20,553.31	1,712.78	0.15	0:33:00	2,319.81	2,319.81	0.11
0:05:05	50,606.05	527.15	0.50	0:12:05	48,547.38	1,011.40	0.26	0:19:05	37,632.25	1,568.01	0.17	0:26:05	20,561.64	1,713.47	0.15	0:33:05	2,245.53	2,245.53	0.12
0:05:10	50,633.60	527.43	0.50	0:12:10	48,661.26	1,013.78	0.26	0:19:10	37,801.75	1,575.07	0.17	0:26:10	20,732.08	1,727.67	0.15	0:33:10	2,189.69	2,189.69	0.12
0:05:15	50,584.89	526.93	0.50	0:12:15	48,681.71	1,014.20	0.26	0:19:15	37,995.77	1,583.16	0.16	0:26:15	20,829.60	1,735.80	0.15	0:33:15	2,328.36	2,328.36	0.11
0:05:20	50,607.76	527.16	0.50	0:12:20	48,716.42	1,014.93	0.26	0:19:20	37,737.51	1,572.40	0.17	0:26:20	20,666.65	1,722.22	0.15	0:33:20	2,252.33	2,252.33	0.11
0:05:25	50,601.44	527.10	0.50	0:12:25	48,692.95	1,014.44	0.26	0:19:25	38,022.23	1,584.26	0.16	0:26:25	20,641.68	1,720.14	0.15	0:33:25	2,277.34	2,277.34	0.11
0:05:30	50,618.83	527.28	0.50	0:12:30	48,634.22	1,013.21	0.26	0:19:30	37,844.42	1,576.85	0.17	0:26:30	20,595.67	1,716.31	0.15	0:33:30	2,230.77	2,230.77	0.12
0:05:35	50,612.34	527.21	0.50	0:12:35	48,694.94	1,014.48	0.26	0:19:35	37,746.65	1,572.78	0.17	0:26:35	20,547.62	1,712.30	0.15	0:33:35	2,253.80	2,253.80	0.11
0:05:40	50,606.33	527.15	0.50	0:12:40	48,734.87	1,015.31	0.26	0:19:40	37,892.07	1,578.84	0.17	0:26:40	20,690.94	1,724.25	0.15	0:33:40	2,288.02	2,288.02	0.11
0:05:45	50,608.24	527.17	0.50	0:12:45	48,664.60	1,013.85	0.26	0:19:45	37,551.24	1,564.63	0.17	0:26:45	20,418.50	1,701.54	0.15	0:33:45	2,259.80	2,259.80	0.11
0:05:50	50,603.32	527.12	0.50	0:12:50	48,628.46	1,013.09	0.26	0:19:50	38,049.89	1,585.41	0.16	0:26:50	20,657.60	1,721.47	0.15	0:33:50	2,179.90	2,179.90	0.12
0:05:55	50,607.74	527.16	0.50	0:12:55	48,652.93	1,013.60	0.26	0:19:55	37,656.01	1,569.00	0.17	0:26:55	20,607.92	1,717.33	0.15	0:33:55	2,281.99	2,281.99	0.11
0:06:00	50,583.35	526.91	0.50	0:13:00	48,543.73	1,011.33	0.26	0:20:00	37,881.17	1,578.38	0.17	0:27:00	20,762.45	1,730.20	0.15	0:34:00	2,322.01	2,322.01	0.11
0:06:05	50,624.11	527.33	0.50	0:13:05	48,630.65	1,013.14	0.26	0:20:05	37,506.94	1,562.79	0.17	0:27:05	20,611.95	1,717.66	0.15	0:34:05	2,208.77	2,208.77	0.12

Large Database Query - 64KiB with 4 I/Os per stream

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

TR11	96 Streams			TR12	48 Streams			TR13	24 Streams			TR14	12 Streams			TR15	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
0:06:10	50,620.38	527.30	0.50	0:13:10	48,699.65	1,014.58	0.26	0:20:10	37,967.62	1,581.98	0.16	0:27:10	20,579.32	1,714.94	0.15	0:34:10	2,285.86	2,285.86	0.11
0:06:15	50,612.83	527.22	0.50	0:13:15	48,552.34	1,011.51	0.26	0:20:15	37,862.46	1,577.60	0.17	0:27:15	20,635.86	1,719.66	0.15	0:34:15	2,208.88	2,208.88	0.12
0:06:20	50,612.44	527.21	0.50	0:13:20	48,678.79	1,014.14	0.26	0:20:20	37,913.57	1,579.73	0.17	0:27:20	20,746.44	1,728.87	0.15	0:34:20	2,286.13	2,286.13	0.11
0:06:25	50,604.28	527.13	0.50	0:13:25	48,800.14	1,016.67	0.26	0:20:25	37,909.38	1,579.56	0.17	0:27:25	20,488.27	1,707.36	0.15	0:34:25	2,289.17	2,289.17	0.11
0:06:30	50,638.77	527.49	0.50	0:13:30	48,758.83	1,015.81	0.26	0:20:30	37,758.08	1,573.25	0.17	0:27:30	20,875.38	1,739.61	0.15	0:34:30	2,274.76	2,274.76	0.11
0:06:35	50,579.56	526.87	0.50	0:13:35	48,715.21	1,014.90	0.26	0:20:35	37,849.20	1,577.05	0.17	0:27:35	20,424.81	1,702.07	0.15	0:34:35	2,168.08	2,168.08	0.12
0:06:40	50,610.58	527.19	0.50	0:13:40	48,614.44	1,012.80	0.26	0:20:40	37,653.53	1,568.90	0.17	0:27:40	20,371.34	1,697.61	0.15	0:34:40	2,321.60	2,321.60	0.11
0:06:45	50,609.94	624.81	0.50	0:13:45	48,760.84	1,434.14	0.26	0:20:45	37,567.48	2,889.81	0.17	0:27:45	20,405.16	2,915.02	0.15	0:34:45	2,293.11	2,293.11	0.11
0:06:50	145.75	0.00	0.30	0:13:50	102.63	0.00	0.17	0:20:50	62.83	0.00	0.16	0:27:50	44.35	0.00	0.13	0:34:50	10.29	0.00	0.11
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
												0:28:00	0.00	0.00	0.00				