

Large Database Query - 64KiB with 1 I/O per stream

Test Run Sequence - Ramp-Up Interval

TR16	96 Streams			TR17	48 Streams			TR18	24 Streams			TR19	12 Streams			TR20	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	3,427.32	428.42	0.09	0:07:00	1,081.46	270.36	0.09	0:14:00	841.40	420.70	0.09	0:21:00	706.74	706.74	0.09	0:28:00	705.79	705.79	0.09
0:00:05	7,793.64	487.10	0.11	0:07:05	5,151.28	515.13	0.10	0:14:05	2,135.10	355.85	0.09	0:21:05	1,811.26	603.75	0.09	0:28:05	717.59	717.59	0.09
0:00:10	10,070.23	372.97	0.13	0:07:10	7,385.50	527.54	0.10	0:14:10	5,196.85	577.43	0.10	0:21:10	3,357.52	479.65	0.09	0:28:10	718.23	718.23	0.09
0:00:15	10,928.18	321.42	0.18	0:07:15	9,343.84	519.10	0.11	0:14:15	7,328.54	563.73	0.10	0:21:15	4,780.27	682.90	0.10	0:28:15	717.71	717.71	0.09
0:00:20	11,238.57	244.32	0.22	0:07:20	10,745.05	537.25	0.12	0:14:20	8,803.01	586.87	0.10	0:21:20	5,382.01	598.00	0.10	0:28:20	719.05	719.05	0.09
0:00:25	11,682.51	229.07	0.27	0:07:25	10,924.32	520.21	0.12	0:14:25	10,486.31	616.84	0.10	0:21:25	6,203.07	620.31	0.10	0:28:25	717.22	717.22	0.09
0:00:30	13,109.92	226.03	0.27	0:07:30	11,077.47	481.63	0.13	0:14:30	11,552.94	608.05	0.10	0:21:30	6,794.97	679.50	0.10	0:28:30	716.91	716.91	0.09
0:00:35	14,555.95	227.44	0.27	0:07:35	11,853.69	455.91	0.14	0:14:35	12,069.03	635.21	0.10	0:21:35	6,768.83	676.88	0.10	0:28:35	718.70	718.70	0.09
0:00:40	16,256.08	235.60	0.27	0:07:40	14,303.71	446.99	0.13	0:14:40	12,100.77	636.88	0.10	0:21:40	6,786.91	678.69	0.10	0:28:40	716.44	716.44	0.09
0:00:45	17,248.53	226.95	0.27	0:07:45	16,444.30	444.44	0.13	0:14:45	12,067.58	635.14	0.10	0:21:45	6,768.40	676.84	0.10	0:28:45	718.02	718.02	0.09
0:00:50	18,559.77	241.04	0.27	0:07:50	18,207.87	466.87	0.14	0:14:50	12,172.38	608.62	0.10	0:21:50	7,471.73	679.25	0.10	0:28:50	716.26	716.26	0.09
0:00:55	18,651.74	233.15	0.27	0:07:55	18,763.31	446.75	0.14	0:14:55	12,645.61	632.28	0.10	0:21:55	7,440.22	676.38	0.10	0:28:55	717.55	717.55	0.09
0:01:00	20,202.90	237.68	0.27	0:08:00	20,191.47	469.57	0.14	0:15:00	13,148.56	626.12	0.10	0:22:00	7,427.43	675.22	0.10	0:29:00	719.09	719.09	0.09
0:01:05	20,459.08	224.83	0.28	0:08:05	20,110.17	467.68	0.14	0:15:05	13,583.48	590.59	0.10	0:22:05	7,430.89	675.54	0.10	0:29:05	718.13	718.13	0.09
0:01:10	20,734.31	225.37	0.29	0:08:10	20,421.27	453.81	0.14	0:15:10	14,213.47	617.98	0.11	0:22:10	7,757.10	646.43	0.10	0:29:10	715.09	715.09	0.09
0:01:15	20,536.97	223.23	0.29	0:08:15	20,741.68	441.31	0.14	0:15:15	14,596.35	608.18	0.11	0:22:15	8,070.94	672.58	0.10	0:29:15	717.71	717.71	0.09
0:01:20	20,671.44	222.27	0.29	0:08:20	20,902.65	444.74	0.15	0:15:20	14,682.73	611.78	0.11	0:22:20	8,099.54	674.96	0.10	0:29:20	717.07	717.07	0.09
0:01:25	20,745.41	216.10	0.30	0:08:25	20,884.34	435.09	0.15	0:15:25	14,691.49	612.15	0.11	0:22:25	8,102.12	675.18	0.10	0:29:25	718.57	718.57	0.09
0:01:30	20,748.75	216.13	0.30	0:08:30	20,903.11	435.48	0.15	0:15:30	14,730.25	613.76	0.11	0:22:30	8,091.56	674.30	0.10	0:29:30	717.98	717.98	0.09
0:01:35	20,820.34	216.88	0.30	0:08:35	20,839.94	434.17	0.15	0:15:35	14,649.99	610.42	0.11	0:22:35	8,106.90	675.57	0.10	0:29:35	717.52	717.52	0.09
0:01:40	20,747.59	216.12	0.30	0:08:40	20,914.35	435.72	0.15	0:15:40	14,696.59	612.36	0.11	0:22:40	8,094.02	674.50	0.10	0:29:40	717.17	717.17	0.09
0:01:45	20,742.91	216.07	0.30	0:08:45	20,873.26	434.86	0.15	0:15:45	14,729.34	613.72	0.11	0:22:45	8,110.04	675.84	0.10	0:29:45	716.86	716.86	0.09
0:01:50	20,881.19	217.51	0.30	0:08:50	20,677.23	430.78	0.15	0:15:50	14,695.77	612.32	0.11	0:22:50	8,088.95	674.08	0.10	0:29:50	716.86	716.86	0.09
0:01:55	20,827.96	216.96	0.30	0:08:55	20,879.96	435.00	0.15	0:15:55	14,659.66	610.82	0.11	0:22:55	8,095.31	674.61	0.10	0:29:55	717.94	717.94	0.09
0:02:00	20,848.54	217.17	0.30	0:09:00	20,856.81	434.52	0.15	0:16:00	14,694.73	612.28	0.11	0:23:00	8,099.91	674.99	0.10	0:30:00	717.11	717.11	0.09
0:02:05	20,725.83	215.89	0.30	0:09:05	20,831.41	433.99	0.15	0:16:05	14,715.81	613.16	0.11	0:23:05	8,102.89	675.24	0.10	0:30:05	717.14	717.14	0.09
0:02:10	20,683.43	215.45	0.30	0:09:10	20,834.31	434.05	0.15	0:16:10	14,736.88	614.04	0.11	0:23:10	8,101.29	675.11	0.10	0:30:10	717.59	717.59	0.09
0:02:15	20,583.09	214.41	0.30	0:09:15	20,845.49	434.28	0.15	0:16:15	14,705.40	612.72	0.11	0:23:15	8,102.49	675.21	0.10	0:30:15	716.74	716.74	0.09
0:02:20	20,685.42	215.47	0.30	0:09:20	20,863.61	434.66	0.15	0:16:20	14,683.71	611.82	0.11	0:23:20	8,099.05	674.92	0.10	0:30:20	718.34	718.34	0.09
0:02:25	20,751.76	216.16	0.30	0:09:25	20,816.33	433.67	0.15	0:16:25	14,715.15	613.13	0.11	0:23:25	8,114.72	676.23	0.10	0:30:25	717.59	717.59	0.09
0:02:30	20,696.12	215.58	0.30	0:09:30	20,818.24	433.71	0.15	0:16:30	14,687.88	611.99	0.11	0:23:30	8,081.08	673.42	0.10	0:30:30	718.01	718.01	0.09
0:02:35	20,702.78	215.65	0.30	0:09:35	20,913.91	435.71	0.15	0:16:35	14,697.22	612.38	0.11	0:23:35	8,092.49	674.37	0.10	0:30:35	716.92	716.92	0.09
0:02:40	20,632.50	214.92	0.30	0:09:40	20,891.16	435.23	0.15	0:16:40	14,700.63	612.53	0.11	0:23:40	8,108.38	675.70	0.10	0:30:40	718.65	718.65	0.09
0:02:45	20,466.58	213.19	0.31	0:09:45	20,814.49	433.64	0.15	0:16:45	14,732.34	613.85	0.11	0:23:45	8,108.10	675.68	0.10	0:30:45	717.25	717.25	0.09
0:02:50	20,486.78	213.40	0.31	0:09:50	20,855.75	434.49	0.15	0:16:50	14,694.21	612.26	0.11	0:23:50	8,084.89	673.74	0.10	0:30:50	718.44	718.44	0.09
0:02:55	20,586.58	214.44	0.30	0:09:55	20,834.94	434.06	0.15	0:16:55	14,712.73	613.03	0.11	0:23:55	8,109.56	675.80	0.10	0:30:55	716.64	716.64	0.09

Large Database Query - 64KiB with 1 I/O per stream

Test Run Sequence = Measurement Interval

TR16				TR17				TR18				TR19				TR20			
96 Streams				48 Streams				24 Streams				12 Streams				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
0:03:00	20,647.26	215.08	0.30	0:10:00	20,863.73	434.66	0.15	0:17:00	14,706.47	612.77	0.11	0:24:00	8,095.66	674.64	0.10	0:31:00	718.46	718.46	0.09
0:03:05	20,709.96	215.73	0.30	0:10:05	20,896.85	435.35	0.15	0:17:05	14,733.03	613.88	0.11	0:24:05	8,097.73	674.81	0.10	0:31:05	717.45	717.45	0.09
0:03:10	20,726.03	215.90	0.30	0:10:10	20,829.24	433.94	0.15	0:17:10	14,717.44	613.23	0.11	0:24:10	8,096.04	674.67	0.10	0:31:10	717.65	717.65	0.09
0:03:15	20,876.99	217.47	0.30	0:10:15	20,884.29	435.09	0.15	0:17:15	14,717.20	613.22	0.11	0:24:15	8,098.48	674.87	0.10	0:31:15	717.25	717.25	0.09
0:03:20	20,761.24	216.26	0.30	0:10:20	20,791.96	433.17	0.15	0:17:20	14,722.42	613.43	0.11	0:24:20	8,112.79	676.07	0.10	0:31:20	717.81	717.81	0.09
0:03:25	20,826.08	216.94	0.30	0:10:25	20,827.96	433.92	0.15	0:17:25	14,719.13	613.30	0.11	0:24:25	8,075.90	672.99	0.10	0:31:25	716.38	716.38	0.09
0:03:30	20,733.47	215.97	0.30	0:10:30	20,873.69	434.87	0.15	0:17:30	14,705.10	612.71	0.11	0:24:30	8,123.99	677.00	0.10	0:31:30	717.39	717.39	0.09
0:03:35	20,627.05	214.87	0.30	0:10:35	20,852.60	434.43	0.15	0:17:35	14,703.19	612.63	0.11	0:24:35	8,085.06	673.75	0.10	0:31:35	717.07	717.07	0.09
0:03:40	20,518.54	213.73	0.31	0:10:40	20,861.65	434.62	0.15	0:17:40	14,711.23	612.97	0.11	0:24:40	8,116.62	676.38	0.10	0:31:40	718.12	718.12	0.09
0:03:45	20,589.72	214.48	0.30	0:10:45	20,834.95	434.06	0.15	0:17:45	14,744.55	614.36	0.11	0:24:45	8,084.20	673.68	0.10	0:31:45	718.01	718.01	0.09
0:03:50	20,699.00	215.61	0.30	0:10:50	20,863.50	434.66	0.15	0:17:50	14,739.64	614.15	0.11	0:24:50	8,099.81	674.98	0.10	0:31:50	717.53	717.53	0.09
0:03:55	20,775.90	216.42	0.30	0:10:55	20,899.85	435.41	0.15	0:17:55	14,669.56	611.23	0.11	0:24:55	8,099.61	674.97	0.10	0:31:55	718.48	718.48	0.09
0:04:00	20,836.55	217.05	0.30	0:11:00	20,846.16	434.30	0.15	0:18:00	14,754.37	614.77	0.11	0:25:00	8,078.69	673.22	0.10	0:32:00	716.35	716.35	0.09
0:04:05	20,839.57	217.08	0.30	0:11:05	20,833.63	434.03	0.15	0:18:05	14,752.43	614.68	0.11	0:25:05	8,021.65	668.47	0.10	0:32:05	717.80	717.80	0.09
0:04:10	20,926.43	217.98	0.30	0:11:10	20,884.65	435.10	0.15	0:18:10	14,701.31	612.55	0.11	0:25:10	8,029.34	669.11	0.10	0:32:10	717.90	717.90	0.09
0:04:15	20,801.67	216.68	0.30	0:11:15	20,882.45	435.05	0.15	0:18:15	14,759.75	614.99	0.11	0:25:15	8,022.64	668.55	0.10	0:32:15	719.22	719.22	0.09
0:04:20	20,863.84	217.33	0.30	0:11:20	20,845.46	434.28	0.15	0:18:20	14,725.69	613.57	0.11	0:25:20	8,017.06	668.09	0.10	0:32:20	717.48	717.48	0.09
0:04:25	20,881.98	217.52	0.30	0:11:25	20,864.37	434.67	0.15	0:18:25	14,729.19	613.72	0.11	0:25:25	8,043.17	670.26	0.10	0:32:25	717.70	717.70	0.09
0:04:30	20,751.91	216.17	0.30	0:11:30	20,815.14	433.65	0.15	0:18:30	14,702.56	612.61	0.11	0:25:30	8,012.95	667.75	0.10	0:32:30	716.79	716.79	0.09
0:04:35	20,776.88	216.43	0.30	0:11:35	20,836.34	434.09	0.15	0:18:35	14,720.16	613.34	0.11	0:25:35	8,027.58	668.97	0.10	0:32:35	717.43	717.43	0.09
0:04:40	20,828.86	216.97	0.30	0:11:40	20,914.73	435.72	0.15	0:18:40	14,684.00	611.83	0.11	0:25:40	8,021.87	668.49	0.10	0:32:40	716.90	716.90	0.09
0:04:45	20,840.83	217.09	0.30	0:11:45	20,873.59	434.87	0.15	0:18:45	14,719.54	613.31	0.11	0:25:45	8,034.76	669.56	0.10	0:32:45	717.73	717.73	0.09
0:04:50	20,815.47	216.83	0.30	0:11:50	20,915.38	435.74	0.15	0:18:50	14,702.90	612.62	0.11	0:25:50	8,008.54	667.38	0.10	0:32:50	716.11	716.11	0.09
0:04:55	20,806.04	216.73	0.30	0:11:55	20,881.71	435.04	0.15	0:18:55	14,727.24	613.63	0.11	0:25:55	8,024.56	668.71	0.10	0:32:55	718.13	718.13	0.09
0:05:00	20,970.87	218.45	0.30	0:12:00	20,863.20	434.65	0.15	0:19:00	14,736.58	614.02	0.11	0:26:00	8,014.47	667.87	0.10	0:33:00	717.27	717.27	0.09
0:05:05	20,937.28	218.10	0.30	0:12:05	20,847.56	434.32	0.15	0:19:05	14,715.67	613.15	0.11	0:26:05	8,016.57	668.05	0.10	0:33:05	717.73	717.73	0.09
0:05:10	20,868.04	217.38	0.30	0:12:10	20,890.14	435.21	0.15	0:19:10	14,706.39	612.77	0.11	0:26:10	8,014.74	667.89	0.10	0:33:10	716.90	716.90	0.09
0:05:15	20,849.30	217.18	0.30	0:12:15	20,827.02	433.90	0.15	0:19:15	14,723.92	613.50	0.11	0:26:15	8,029.80	669.15	0.10	0:33:15	718.23	718.23	0.09
0:05:20	20,756.21	216.21	0.30	0:12:20	20,841.91	434.21	0.15	0:19:20	14,746.71	614.45	0.11	0:26:20	8,021.60	668.47	0.10	0:33:20	716.24	716.24	0.09
0:05:25	20,806.07	216.73	0.30	0:12:25	20,926.79	435.97	0.15	0:19:25	14,705.80	612.74	0.11	0:26:25	8,027.44	668.95	0.10	0:33:25	716.72	716.72	0.09
0:05:30	20,890.57	217.61	0.30	0:12:30	20,882.08	435.04	0.15	0:19:30	14,708.43	612.85	0.11	0:26:30	8,021.21	668.43	0.10	0:33:30	716.87	716.87	0.09
0:05:35	20,774.65	216.40	0.30	0:12:35	20,833.85	434.04	0.15	0:19:35	14,696.32	612.35	0.11	0:26:35	8,033.27	669.44	0.10	0:33:35	717.28	717.28	0.09
0:05:40	20,752.60	216.17	0.30	0:12:40	20,851.25	434.40	0.15	0:19:40	14,728.83	613.70	0.11	0:26:40	8,016.93	668.08	0.10	0:33:40	718.11	718.11	0.09
0:05:45	20,624.28	214.84	0.30	0:12:45	20,922.15	435.88	0.15	0:19:45	14,686.72	611.95	0.11	0:26:45	8,032.35	669.36	0.10	0:33:45	717.96	717.96	0.09
0:05:50	20,697.97	215.60	0.30	0:12:50	20,871.34	434.82	0.15	0:19:50	14,699.45	612.48	0.11	0:26:50	8,013.05	667.75	0.10	0:33:50	716.87	716.87	0.09
0:05:55	20,635.85	214.96	0.30	0:12:55	20,873.26	434.86	0.15	0:19:55	14,759.11	614.96	0.11	0:26:55	8,027.32	668.94	0.10	0:33:55	717.06	717.06	0.09
0:06:00	20,742.41	216.07	0.30	0:13:00	20,660.73	430.43	0.15	0:20:00	14,695.37	612.31	0.11	0:27:00	8,036.02	669.67	0.10	0:34:00	718.36	718.36	0.09

Large Database Query - 64KiB with 1 I/O per stream

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

TR16	96 Streams			TR17	48 Streams			TR18	24 Streams			TR19	12 Streams			TR20	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	20,687.52	215.50	0.30	0:13:05	20,849.07	434.36	0.15	0:20:05	14,733.86	613.91	0.11	0:27:05	8,016.49	668.04	0.10	0:34:05	716.53	716.53	0.09
0:06:10	20,602.53	214.61	0.30	0:13:10	20,793.51	433.20	0.15	0:20:10	14,724.29	613.51	0.11	0:27:10	8,039.73	669.98	0.10	0:34:10	717.34	717.34	0.09
0:06:15	20,639.33	214.99	0.30	0:13:15	20,885.95	435.12	0.15	0:20:15	14,722.28	613.43	0.11	0:27:15	8,072.51	672.71	0.10	0:34:15	717.27	717.27	0.09
0:06:20	20,793.14	216.60	0.30	0:13:20	20,876.12	434.92	0.15	0:20:20	14,712.13	613.01	0.11	0:27:20	8,101.29	675.11	0.10	0:34:20	717.60	717.60	0.09
0:06:25	20,579.97	214.37	0.30	0:13:25	20,869.33	434.78	0.15	0:20:25	14,748.31	614.51	0.11	0:27:25	8,084.92	673.74	0.10	0:34:25	717.04	717.04	0.09
0:06:30	20,735.63	216.00	0.30	0:13:30	20,868.59	434.76	0.15	0:20:30	14,726.37	613.60	0.11	0:27:30	8,110.65	675.89	0.10	0:34:30	718.02	718.02	0.09
0:06:35	20,590.34	214.48	0.30	0:13:35	20,861.26	434.61	0.15	0:20:35	14,701.02	612.54	0.11	0:27:35	8,081.07	673.42	0.10	0:34:35	717.52	717.52	0.09
0:06:40	20,852.02	217.21	0.30	0:13:40	20,851.46	434.41	0.15	0:20:40	14,719.22	613.30	0.11	0:27:40	8,104.38	675.37	0.10	0:34:40	717.94	717.94	0.09
0:06:45	451.29	0.00	0.30	0:13:45	442.72	0.00	0.15	0:20:45	297.85	0.00	0.10	0:27:45	160.60	0.00	0.10	0:34:45	13.11	0.00	0.09
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