

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

Test Run Sequence - Ramp-Up Interval

TR16	320 Streams			TR17	160 Streams			TR18	80 Streams			TR19	40 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	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	611.45	611.45	0.11
0:00:05	9,066.62	302.22	0.12	0:07:05	6,476.31	323.82	0.12	0:14:05	4,124.62	412.46	0.11	0:21:05	1,414.75	353.69	0.11	0:28:10	558.78	558.78	0.12
0:00:10	23,133.11	361.45	0.13	0:07:10	14,999.98	468.75	0.12	0:14:10	6,537.39	502.88	0.12	0:21:10	4,206.84	525.86	0.11	0:28:15	573.26	573.26	0.11
0:00:15	33,705.95	391.93	0.14	0:07:15	20,225.97	459.68	0.13	0:14:15	8,722.79	513.11	0.12	0:21:15	5,689.77	568.98	0.11	0:28:20	599.85	599.85	0.11
0:00:20	40,808.32	370.98	0.16	0:07:20	26,720.93	424.14	0.13	0:14:20	13,370.83	477.53	0.12	0:21:20	6,704.72	515.75	0.11	0:28:25	573.77	573.77	0.11
0:00:25	45,539.47	332.40	0.18	0:07:25	31,887.78	430.92	0.14	0:14:25	17,957.30	485.33	0.12	0:21:25	9,123.28	480.17	0.11	0:28:30	588.93	588.93	0.11
0:00:30	47,331.53	307.35	0.20	0:07:30	35,178.25	423.83	0.15	0:14:30	20,051.87	514.15	0.12	0:21:30	11,814.95	537.04	0.11	0:28:35	576.56	576.56	0.11
0:00:35	47,777.83	281.05	0.22	0:07:35	38,640.52	402.51	0.15	0:14:35	21,806.29	484.58	0.12	0:21:35	13,480.74	539.23	0.11	0:28:40	597.54	597.54	0.11
0:00:40	47,865.39	254.60	0.25	0:07:40	41,272.40	400.70	0.16	0:14:40	24,671.85	493.44	0.13	0:21:40	15,362.25	548.65	0.11	0:28:45	583.66	583.66	0.11
0:00:45	47,948.27	228.33	0.27	0:07:45	42,111.18	382.83	0.16	0:14:45	26,402.11	488.93	0.13	0:21:45	16,340.11	563.45	0.12	0:28:50	583.63	583.63	0.11
0:00:50	47,981.36	211.37	0.30	0:07:50	43,756.80	377.21	0.17	0:14:50	28,466.09	482.48	0.13	0:21:50	16,614.58	519.21	0.12	0:28:55	612.39	612.39	0.11
0:00:55	48,030.23	196.85	0.32	0:07:55	44,781.72	358.25	0.18	0:14:55	29,759.51	479.99	0.13	0:21:55	18,416.78	541.67	0.12	0:29:00	632.92	632.92	0.10
0:01:00	48,012.49	185.38	0.34	0:08:00	46,392.18	351.46	0.18	0:15:00	30,715.15	465.38	0.13	0:22:00	19,425.74	555.02	0.12	0:29:05	574.46	574.46	0.11
0:01:05	48,054.21	178.64	0.36	0:08:05	46,786.31	329.48	0.19	0:15:05	31,902.87	476.16	0.14	0:22:05	19,621.11	545.03	0.12	0:29:10	572.62	572.62	0.11
0:01:10	48,030.75	169.72	0.38	0:08:10	46,984.92	324.03	0.20	0:15:10	32,047.66	478.32	0.14	0:22:10	19,760.84	548.91	0.12	0:29:15	583.64	583.64	0.11
0:01:15	48,062.78	165.73	0.39	0:08:15	47,230.15	316.98	0.20	0:15:15	32,295.98	454.87	0.14	0:22:15	19,495.09	541.53	0.12	0:29:20	649.37	649.37	0.10
0:01:20	48,053.17	157.55	0.41	0:08:20	47,477.70	314.42	0.21	0:15:20	33,421.05	451.64	0.14	0:22:20	20,242.59	532.70	0.12	0:29:25	579.59	579.59	0.11
0:01:25	48,034.44	152.49	0.42	0:08:25	47,624.49	305.29	0.21	0:15:25	34,754.72	445.57	0.14	0:22:25	20,778.47	532.78	0.12	0:29:30	583.70	583.70	0.11
0:01:30	48,048.89	150.15	0.43	0:08:30	47,686.34	298.04	0.22	0:15:30	35,510.78	443.88	0.15	0:22:30	21,506.78	537.67	0.12	0:29:35	568.68	568.68	0.12
0:01:35	48,064.48	150.20	0.44	0:08:35	47,733.59	298.33	0.22	0:15:35	35,817.49	447.72	0.15	0:22:35	21,358.12	533.95	0.12	0:29:40	583.16	583.16	0.11
0:01:40	48,033.70	150.11	0.44	0:08:40	47,800.68	298.75	0.22	0:15:40	35,928.51	449.11	0.15	0:22:40	21,640.56	541.01	0.12	0:29:45	554.80	554.80	0.12
0:01:45	48,062.59	150.20	0.44	0:08:45	47,643.26	297.77	0.22	0:15:45	35,659.77	445.75	0.15	0:22:45	21,611.93	540.30	0.12	0:29:50	586.92	586.92	0.11
0:01:50	48,017.71	150.06	0.44	0:08:50	47,757.13	298.48	0.22	0:15:50	35,729.12	446.61	0.15	0:22:50	21,745.01	543.63	0.12	0:29:55	608.92	608.92	0.11
0:01:55	48,106.45	150.33	0.44	0:08:55	47,696.81	298.11	0.22	0:15:55	35,808.44	447.61	0.15	0:22:55	21,449.84	536.25	0.12	0:30:00	598.00	598.00	0.11
0:02:00	47,985.82	149.96	0.44	0:09:00	47,793.84	298.71	0.22	0:16:00	35,726.85	446.59	0.15	0:23:00	21,566.65	539.17	0.12	0:30:05	602.32	602.32	0.11
0:02:05	48,043.07	150.13	0.44	0:09:05	47,633.37	297.71	0.22	0:16:05	35,749.04	446.86	0.15	0:23:05	21,426.03	535.65	0.12	0:30:10	564.44	564.44	0.12
0:02:10	48,033.59	150.10	0.44	0:09:10	47,740.42	298.38	0.22	0:16:10	35,993.91	449.92	0.15	0:23:10	21,614.24	540.36	0.12	0:30:15	583.65	583.65	0.11
0:02:15	48,046.58	150.15	0.44	0:09:15	47,711.33	298.20	0.22	0:16:15	35,707.94	446.35	0.15	0:23:15	21,499.97	537.50	0.12	0:30:20	546.68	546.68	0.12
0:02:20	48,049.28	150.15	0.44	0:09:20	47,777.10	298.61	0.22	0:16:20	35,890.32	448.63	0.15	0:23:20	21,404.18	535.10	0.12	0:30:25	577.57	577.57	0.11
0:02:25	48,049.83	150.16	0.44	0:09:25	47,648.34	297.80	0.22	0:16:25	35,620.70	445.26	0.15	0:23:25	21,425.75	535.64	0.12	0:30:30	540.82	540.82	0.12
0:02:30	48,054.98	150.17	0.44	0:09:30	47,721.49	298.26	0.22	0:16:30	35,814.19	447.68	0.15	0:23:30	21,487.37	537.18	0.12	0:30:35	624.16	624.16	0.11
0:02:35	48,052.24	150.16	0.44	0:09:35	47,730.12	298.31	0.22	0:16:35	35,607.99	445.10	0.15	0:23:35	21,533.26	538.33	0.12	0:30:40	613.78	613.78	0.11
0:02:40	48,138.30	150.43	0.44	0:09:40	47,749.44	298.43	0.22	0:16:40	36,036.67	450.46	0.15	0:23:40	21,629.27	540.73	0.12	0:30:45	613.93	613.93	0.11
0:02:45	47,971.27	149.91	0.44	0:09:45	47,678.66	297.99	0.22	0:16:45	35,968.90	449.61	0.15	0:23:45	21,613.52	540.34	0.12	0:30:50	575.54	575.54	0.11
0:02:50	48,066.36	150.21	0.44	0:09:50	47,748.39	298.43	0.22	0:16:50	35,815.73	447.70	0.15	0:23:50	21,489.75	537.24	0.12	0:30:55	580.10	580.10	0.11
0:02:55	47,997.99	149.99	0.44	0:09:55	47,701.98	298.14	0.22	0:16:55	36,026.00	450.32	0.15	0:23:55	21,310.31	532.76	0.12	0:31:00	591.55	591.55	0.11
0:03:00	48,027.44	150.09	0.44	0:10:00	47,690.21	298.06	0.22	0:17:00	35,946.33	449.33	0.15	0:24:00	21,799.88	545.00	0.12				

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

Test Run Sequence = Measurement Interval

TR16	320 Streams			TR17	160 Streams			TR18	80 Streams			TR19	40 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
0:03:05	48,056.41	150.18	0.44	0:10:05	47,744.41	298.40	0.22	0:17:05	35,889.72	448.62	0.15	0:24:05	21,468.65	536.72	0.12	0:31:05	618.31	618.31	0.11
0:03:10	48,100.20	150.31	0.44	0:10:10	47,761.36	298.51	0.22	0:17:10	35,771.55	447.14	0.15	0:24:10	21,655.54	541.39	0.12	0:31:10	567.19	567.19	0.12
0:03:15	48,032.52	150.10	0.44	0:10:15	47,678.32	297.99	0.22	0:17:15	35,779.74	447.25	0.15	0:24:15	21,365.44	534.14	0.12	0:31:15	601.88	601.88	0.11
0:03:20	48,036.88	150.12	0.44	0:10:20	47,717.38	298.23	0.22	0:17:20	36,047.23	450.59	0.15	0:24:20	21,492.14	537.30	0.12	0:31:20	573.89	573.89	0.11
0:03:25	48,076.12	150.24	0.44	0:10:25	47,723.35	298.27	0.22	0:17:25	35,463.83	443.30	0.15	0:24:25	21,560.90	539.02	0.12	0:31:25	624.97	624.97	0.10
0:03:30	48,041.03	150.13	0.44	0:10:30	47,679.83	298.00	0.22	0:17:30	35,873.89	448.42	0.15	0:24:30	21,452.28	536.31	0.12	0:31:30	621.89	621.89	0.11
0:03:35	48,055.84	150.17	0.44	0:10:35	47,723.35	298.27	0.22	0:17:35	35,796.46	447.46	0.15	0:24:35	21,468.85	536.72	0.12	0:31:35	597.12	597.12	0.11
0:03:40	48,143.15	150.45	0.44	0:10:40	47,783.99	298.65	0.22	0:17:40	35,822.10	447.78	0.15	0:24:40	21,544.16	538.60	0.12	0:31:40	553.37	553.37	0.12
0:03:45	47,944.30	149.83	0.44	0:10:45	47,659.51	297.87	0.22	0:17:45	35,684.98	446.06	0.15	0:24:45	21,565.45	539.14	0.12	0:31:45	634.29	634.29	0.10
0:03:50	48,068.86	150.22	0.44	0:10:50	47,731.28	298.32	0.22	0:17:50	35,655.37	445.69	0.15	0:24:50	21,313.30	532.83	0.12	0:31:50	615.69	615.69	0.11
0:03:55	48,111.91	150.35	0.44	0:10:55	47,724.03	298.28	0.22	0:17:55	35,941.48	449.27	0.15	0:24:55	21,557.93	538.95	0.12	0:31:55	578.53	578.53	0.11
0:04:00	47,978.87	149.93	0.44	0:11:00	47,700.32	298.13	0.22	0:18:00	35,704.85	446.31	0.15	0:25:00	21,009.04	525.23	0.12	0:32:00	588.89	588.89	0.11
0:04:05	48,037.64	150.12	0.44	0:11:05	47,733.18	298.33	0.22	0:18:05	35,695.14	446.19	0.15	0:25:05	21,414.97	535.37	0.12	0:32:05	595.61	595.61	0.11
0:04:10	48,100.15	150.31	0.44	0:11:10	47,715.81	298.22	0.22	0:18:10	35,559.60	444.50	0.15	0:25:10	21,577.82	539.45	0.12	0:32:10	568.23	568.23	0.12
0:04:15	48,011.14	150.03	0.44	0:11:15	47,691.65	298.07	0.22	0:18:15	35,614.72	445.18	0.15	0:25:15	21,557.95	538.95	0.12	0:32:15	614.18	614.18	0.11
0:04:20	48,055.97	150.17	0.44	0:11:20	47,770.30	298.56	0.22	0:18:20	35,814.12	447.68	0.15	0:25:20	21,519.46	537.99	0.12	0:32:20	621.41	621.41	0.11
0:04:25	48,040.13	150.13	0.44	0:11:25	47,686.28	298.04	0.22	0:18:25	35,456.10	443.20	0.15	0:25:25	21,381.61	534.54	0.12	0:32:25	639.98	639.98	0.10
0:04:30	48,085.06	150.27	0.44	0:11:30	47,698.61	298.12	0.22	0:18:30	35,714.65	446.43	0.15	0:25:30	21,413.54	535.34	0.12	0:32:30	629.51	629.51	0.10
0:04:35	48,021.73	150.07	0.44	0:11:35	47,745.04	298.41	0.22	0:18:35	35,621.22	445.27	0.15	0:25:35	21,439.27	535.98	0.12	0:32:35	593.28	593.28	0.11
0:04:40	48,052.09	150.16	0.44	0:11:40	47,741.60	298.39	0.22	0:18:40	35,606.10	445.08	0.15	0:25:40	21,561.30	539.03	0.12	0:32:40	585.64	585.64	0.11
0:04:45	48,030.64	150.10	0.44	0:11:45	47,676.38	297.98	0.22	0:18:45	35,470.98	443.39	0.15	0:25:45	21,592.16	539.80	0.12	0:32:45	614.06	614.06	0.11
0:04:50	48,054.25	150.17	0.44	0:11:50	47,713.55	298.21	0.22	0:18:50	35,787.70	447.35	0.15	0:25:50	21,820.31	545.51	0.12	0:32:50	641.30	641.30	0.10
0:04:55	48,046.25	150.14	0.44	0:11:55	47,698.05	298.11	0.22	0:18:55	35,834.31	447.93	0.15	0:25:55	21,485.23	537.13	0.12	0:32:55	577.85	577.85	0.11
0:05:00	48,031.91	150.10	0.44	0:12:00	47,701.00	298.13	0.22	0:19:00	35,848.03	448.10	0.15	0:26:00	21,455.32	536.38	0.12	0:33:00	628.28	628.28	0.10
0:05:05	48,059.07	150.18	0.44	0:12:05	47,686.68	298.04	0.22	0:19:05	35,603.51	445.04	0.15	0:26:05	21,663.71	541.59	0.12	0:33:05	588.49	588.49	0.11
0:05:10	48,074.85	150.23	0.44	0:12:10	47,745.45	298.41	0.22	0:19:10	35,759.42	446.99	0.15	0:26:10	21,709.15	542.73	0.12	0:33:10	550.83	550.83	0.12
0:05:15	48,029.71	150.09	0.44	0:12:15	47,690.68	298.07	0.22	0:19:15	35,747.11	446.84	0.15	0:26:15	21,380.57	534.51	0.12	0:33:15	598.64	598.64	0.11
0:05:20	48,062.93	150.20	0.44	0:12:20	47,745.69	298.41	0.22	0:19:20	35,944.28	449.30	0.15	0:26:20	21,658.74	541.47	0.12	0:33:20	588.13	588.13	0.11
0:05:25	48,070.60	150.22	0.44	0:12:25	47,697.92	298.11	0.22	0:19:25	36,002.59	450.03	0.15	0:26:25	21,575.23	539.38	0.12	0:33:25	568.71	568.71	0.11
0:05:30	48,031.14	150.10	0.44	0:12:30	47,696.25	298.10	0.22	0:19:30	35,832.69	447.91	0.15	0:26:30	21,938.83	548.47	0.12	0:33:30	619.59	619.59	0.11
0:05:35	48,051.37	150.16	0.44	0:12:35	47,679.38	298.00	0.22	0:19:35	35,976.35	449.70	0.15	0:26:35	21,497.17	537.43	0.12	0:33:35	620.54	620.54	0.11
0:05:40	48,089.95	150.28	0.44	0:12:40	47,707.17	298.17	0.22	0:19:40	35,883.45	448.54	0.15	0:26:40	21,672.65	541.82	0.12	0:33:40	567.37	567.37	0.12
0:05:45	48,026.20	150.08	0.44	0:12:45	47,687.50	298.05	0.22	0:19:45	35,987.10	449.84	0.15	0:26:45	21,570.72	539.27	0.12	0:33:45	624.64	624.64	0.10
0:05:50	48,040.55	150.13	0.44	0:12:50	47,705.28	298.16	0.22	0:19:50	35,867.27	448.34	0.15	0:26:50	21,535.77	538.39	0.12	0:33:50	621.43	621.43	0.11
0:05:55	48,057.59	150.18	0.44	0:12:55	47,692.71	298.08	0.22	0:19:55	35,854.36	448.18	0.15	0:26:55	21,711.06	542.78	0.12	0:33:55	611.64	611.64	0.11
0:06:00	48,043.06	150.13	0.44	0:13:00	47,662.51	297.89	0.22	0:20:00	35,707.81	446.35	0.15	0:27:00	21,705.83	542.65	0.12	0:34:00	644.94	644.94	0.10
0:06:05	48,083.67	150.26	0.44	0:13:05	47,686.09	298.04	0.22	0:20:05	35,890.26	448.63	0.15	0:27:05	21,595.58	539.89	0.12	0:34:05	614.99	614.99	0.11

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

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

TR16	320 Streams			TR17	160 Streams			TR18	80 Streams			TR19	40 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
0:06:10	48,093.15	150.29	0.44	0:13:10	47,753.52	298.46	0.22	0:20:10	35,628.83	445.36	0.15	0:27:10	21,550.54	538.76	0.12	0:34:10	590.65	590.65	0.11
0:06:15	48,052.49	150.16	0.44	0:13:15	47,661.57	297.88	0.22	0:20:15	35,774.17	447.18	0.15	0:27:15	21,400.27	535.01	0.12	0:34:15	626.38	626.38	0.10
0:06:20	48,074.70	150.23	0.44	0:13:20	47,702.51	298.14	0.22	0:20:20	35,570.90	444.64	0.15	0:27:20	21,315.48	532.89	0.12	0:34:20	557.70	557.70	0.12
0:06:25	48,090.21	150.28	0.44	0:13:25	47,681.97	298.01	0.22	0:20:25	35,807.20	447.59	0.15	0:27:25	21,547.48	538.69	0.12	0:34:25	513.64	513.64	0.13
0:06:30	48,054.62	150.17	0.44	0:13:30	47,710.92	298.19	0.22	0:20:30	35,832.35	447.90	0.15	0:27:30	21,651.44	541.29	0.12	0:34:30	580.93	580.93	0.11
0:06:35	48,093.78	150.29	0.44	0:13:35	47,698.63	298.12	0.22	0:20:35	35,932.05	449.15	0.15	0:27:35	21,521.18	538.03	0.12	0:34:35	550.98	550.98	0.12
0:06:40	48,168.07	150.53	0.44	0:13:40	47,728.26	298.30	0.22	0:20:40	35,706.96	446.34	0.15	0:27:40	21,390.02	534.75	0.12	0:34:40	580.21	580.21	0.11
0:06:45	47,994.70	169.59	0.44	0:13:45	47,709.43	481.91	0.22	0:20:45	35,689.00	991.36	0.15	0:27:45	21,469.33	975.88	0.12	0:34:45	615.91	615.91	0.11
0:06:50	137.10	0.00	0.21	0:13:50	99.15	0.00	0.13	0:20:50	52.38	0.00	0.12	0:27:50	35.13	0.00	0.12	0:34:50	1.69	0.00	0.17
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	0:35:00	0.00	0.00	0.00