

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

Test Run Sequence - Ramp-Up Interval

TR6	96 Streams			TR7	48 Streams			TR8	24 Streams			TR9	12 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
0:00:00	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	2,407.95	2,407.95	0.43
0:00:05	13,083.71	1,090.31	0.50	0:07:05	10,529.80	1,316.23	0.48	0:14:05	4,502.59	2,251.29	0.41	0:21:05	4,880.07	1,626.69	0.43	0:28:10	2,241.44	2,241.44	0.47
0:00:10	25,018.60	1,389.92	0.61	0:07:10	17,868.99	1,624.45	0.54	0:14:10	7,656.49	1,531.30	0.46	0:21:10	7,140.17	2,380.06	0.44	0:28:15	2,231.79	2,231.79	0.47
0:00:15	37,573.41	1,295.63	0.66	0:07:15	22,985.83	1,436.61	0.59	0:14:15	13,510.90	1,930.13	0.47	0:21:15	7,352.20	1,838.05	0.46	0:28:20	2,347.34	2,347.34	0.45
0:00:20	46,183.90	1,215.37	0.78	0:07:20	30,843.65	1,542.18	0.65	0:14:20	17,431.53	1,743.15	0.54	0:21:20	11,012.56	1,835.43	0.48	0:28:25	2,396.63	2,396.63	0.44
0:00:25	47,172.50	1,097.03	0.90	0:07:25	33,008.12	1,571.82	0.64	0:14:25	20,984.94	1,614.23	0.59	0:21:25	15,011.20	1,876.40	0.52	0:28:30	2,362.23	2,362.23	0.44
0:00:30	47,663.65	934.58	1.05	0:07:30	36,478.49	1,586.02	0.63	0:14:30	23,157.80	1,543.85	0.63	0:21:30	15,767.65	1,970.96	0.53	0:28:35	2,335.18	2,335.18	0.45
0:00:35	49,206.74	834.01	1.18	0:07:35	38,620.94	1,485.42	0.66	0:14:35	23,916.13	1,494.76	0.66	0:21:35	16,293.61	1,810.40	0.54	0:28:40	2,297.85	2,297.85	0.46
0:00:40	49,772.55	754.13	1.31	0:07:40	41,314.52	1,377.15	0.68	0:14:40	26,610.13	1,565.30	0.67	0:21:40	17,072.70	1,896.97	0.55	0:28:45	2,291.56	2,291.56	0.46
0:00:45	50,034.48	725.14	1.41	0:07:45	44,177.14	1,338.70	0.73	0:14:45	27,810.75	1,463.72	0.66	0:21:45	16,956.31	1,884.03	0.56	0:28:50	2,274.57	2,274.57	0.46
0:00:50	50,069.92	667.60	1.49	0:07:50	45,778.31	1,271.62	0.79	0:14:50	30,244.08	1,591.79	0.66	0:21:50	16,885.22	1,876.14	0.56	0:28:55	2,254.02	2,254.02	0.46
0:00:55	50,063.42	650.17	1.59	0:07:55	46,247.44	1,217.04	0.85	0:14:55	31,965.00	1,452.95	0.66	0:21:55	16,962.39	1,884.71	0.56	0:29:00	2,311.69	2,311.69	0.45
0:01:00	50,056.92	617.99	1.65	0:08:00	46,205.92	1,215.95	0.86	0:15:00	35,355.47	1,607.07	0.65	0:22:00	16,958.41	1,884.27	0.56	0:29:05	2,405.22	2,405.22	0.43
0:01:05	50,091.31	603.51	1.72	0:08:05	46,315.39	1,218.83	0.86	0:15:05	35,309.33	1,604.97	0.65	0:22:05	17,916.60	1,628.78	0.56	0:29:10	2,321.34	2,321.34	0.45
0:01:10	50,216.30	590.78	1.75	0:08:10	46,318.33	1,129.72	0.87	0:15:10	35,461.16	1,541.79	0.65	0:22:10	19,666.04	1,787.82	0.59	0:29:15	2,215.85	2,215.85	0.47
0:01:15	50,257.20	552.28	1.82	0:08:15	46,429.06	1,105.45	0.94	0:15:15	36,396.91	1,516.54	0.67	0:22:15	20,402.35	1,700.20	0.60	0:29:20	2,228.43	2,228.43	0.47
0:01:20	50,351.99	547.30	1.91	0:08:20	46,559.08	1,058.16	0.97	0:15:20	36,831.86	1,534.66	0.68	0:22:20	20,806.05	1,733.84	0.60	0:29:25	2,383.83	2,383.83	0.44
0:01:25	50,331.44	529.80	1.95	0:08:25	46,587.60	1,012.77	1.00	0:15:25	36,837.10	1,534.88	0.68	0:22:25	20,787.81	1,732.32	0.61	0:29:30	2,431.44	2,431.44	0.43
0:01:30	50,339.41	524.37	1.98	0:08:30	46,574.81	970.31	1.06	0:15:30	36,714.84	1,529.78	0.69	0:22:30	20,784.03	1,732.00	0.61	0:29:35	2,397.46	2,397.46	0.44
0:01:35	50,418.89	525.20	2.00	0:08:35	46,669.81	972.29	1.08	0:15:35	36,757.62	1,531.57	0.68	0:22:35	20,774.18	1,731.18	0.61	0:29:40	2,386.77	2,386.77	0.44
0:01:40	50,392.05	524.92	2.00	0:08:40	46,694.14	972.79	1.08	0:15:40	37,038.85	1,543.29	0.68	0:22:40	20,920.98	1,743.41	0.60	0:29:45	2,357.83	2,357.83	0.44
0:01:45	50,345.91	524.44	2.00	0:08:45	46,583.62	970.49	1.08	0:15:45	36,726.79	1,530.28	0.68	0:22:45	20,913.22	1,742.77	0.60	0:29:50	2,350.28	2,350.28	0.45
0:01:50	50,417.00	525.18	2.00	0:08:50	46,625.56	971.37	1.08	0:15:50	36,849.06	1,535.38	0.68	0:22:50	20,915.11	1,742.93	0.60	0:29:55	2,266.81	2,266.81	0.46
0:01:55	50,357.86	524.56	2.00	0:08:55	46,617.59	971.20	1.08	0:15:55	36,982.65	1,540.94	0.68	0:22:55	20,738.11	1,728.18	0.61	0:30:00	2,362.02	2,362.02	0.44
0:02:00	50,410.08	525.11	2.00	0:09:00	46,691.62	972.74	1.08	0:16:00	36,897.71	1,537.40	0.68	0:23:00	20,682.95	1,723.58	0.61	0:30:05	2,300.37	2,300.37	0.45
0:02:05	50,366.67	524.65	2.00	0:09:05	46,592.43	970.68	1.08	0:16:05	36,871.71	1,536.32	0.68	0:23:05	20,784.24	1,732.02	0.61	0:30:10	2,372.30	2,372.30	0.44
0:02:10	50,401.69	525.02	2.00	0:09:10	46,688.27	972.67	1.08	0:16:10	36,756.36	1,531.52	0.68	0:23:10	20,630.10	1,719.18	0.61	0:30:15	2,406.90	2,406.90	0.43
0:02:15	50,369.82	524.69	2.00	0:09:15	46,642.97	971.73	1.08	0:16:15	36,894.15	1,537.26	0.68	0:23:15	20,774.60	1,731.22	0.61	0:30:20	2,258.63	2,258.63	0.46
0:02:20	50,413.23	525.14	2.00	0:09:20	46,614.24	971.13	1.08	0:16:20	36,692.61	1,528.86	0.69	0:23:20	20,901.06	1,741.75	0.60	0:30:25	2,292.40	2,292.40	0.46
0:02:25	50,441.96	525.44	2.00	0:09:25	46,677.78	972.45	1.08	0:16:25	36,757.20	1,531.55	0.68	0:23:25	20,764.74	1,730.40	0.61	0:30:30	2,406.48	2,406.48	0.43
0:02:30	50,376.11	524.75	2.00	0:09:30	46,644.85	971.77	1.08	0:16:30	36,532.81	1,522.20	0.69	0:23:30	20,704.13	1,725.34	0.61	0:30:35	2,367.89	2,367.89	0.44
0:02:35	50,427.91	525.29	2.00	0:09:35	46,751.60	973.99	1.08	0:16:35	36,756.57	1,531.52	0.68	0:23:35	20,635.98	1,719.66	0.61	0:30:40	2,293.86	2,293.86	0.46
0:02:40	50,408.19	525.09	2.00	0:09:40	46,604.80	970.93	1.08	0:16:40	36,948.88	1,539.54	0.68	0:23:40	20,662.82	1,721.90	0.61	0:30:45	2,293.66	2,293.66	0.46
0:02:45	50,358.70	524.57	2.00	0:09:45	46,559.29	969.99	1.08	0:16:45	36,678.77	1,528.28	0.69	0:23:45	20,598.86	1,716.57	0.61	0:30:50	2,363.91	2,363.91	0.44
0:02:50	50,403.37	525.04	2.00	0:09:50	46,596.83	970.77	1.08	0:16:50	36,728.68	1,530.36	0.68	0:23:50	20,788.86	1,732.40	0.61	0:30:55	2,355.73	2,355.73	0.44
0:02:55	50,403.16	525.03	2.00	0:09:55	46,599.56	970.82	1.08	0:16:55	36,508.48	1,521.19	0.69	0:23:55	20,773.13	1,731.09	0.61	0:31:00	2,265.97	2,265.97	0.46
0:03:00	50,352.62	524.51	2.00	0:10:00	46,576.91	970.35	1.08	0:17:00	36,561.12	1,523.38	0.69	0:24:00	20,768.73	1,730.73	0.61				

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

Test Run Sequence = Measurement Interval

TR6	96 Streams			TR7	48 Streams			TR8	24 Streams			TR9	12 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
0:03:05	50,437.34	525.39	2.00	0:10:05	46,626.61	971.39	1.08	0:17:05	36,755.32	1,531.47	0.68	0:24:05	20,867.29	1,738.94	0.60	0:31:05	2,369.36	2,369.36	0.44
0:03:10	50,395.19	524.95	2.00	0:10:10	46,728.95	973.52	1.08	0:17:10	36,775.87	1,532.33	0.68	0:24:10	20,637.86	1,719.82	0.61	0:31:10	2,310.64	2,310.64	0.45
0:03:15	50,385.54	524.85	2.00	0:10:15	46,646.11	971.79	1.08	0:17:15	36,782.79	1,532.62	0.68	0:24:15	20,752.58	1,729.38	0.61	0:31:15	2,363.70	2,363.70	0.44
0:03:20	50,387.85	524.87	2.00	0:10:20	46,696.23	972.84	1.08	0:17:20	36,918.26	1,538.26	0.68	0:24:20	20,834.37	1,736.20	0.60	0:31:20	2,273.94	2,273.94	0.46
0:03:25	50,397.29	524.97	2.00	0:10:25	46,578.79	970.39	1.08	0:17:25	36,773.77	1,532.24	0.68	0:24:25	20,715.04	1,726.25	0.61	0:31:25	2,339.58	2,339.58	0.45
0:03:30	50,427.28	525.28	2.00	0:10:30	46,664.99	972.19	1.08	0:17:30	36,579.99	1,524.17	0.69	0:24:30	20,790.54	1,732.54	0.60	0:31:30	2,384.67	2,384.67	0.44
0:03:35	50,380.30	524.79	2.00	0:10:35	46,551.95	969.83	1.08	0:17:35	36,858.70	1,535.78	0.68	0:24:35	20,732.23	1,727.69	0.61	0:31:35	2,358.46	2,358.46	0.44
0:03:40	50,376.74	524.76	2.00	0:10:40	46,632.06	971.50	1.08	0:17:40	36,635.36	1,526.47	0.69	0:24:40	20,757.61	1,729.80	0.61	0:31:40	2,413.40	2,413.40	0.43
0:03:45	50,337.10	524.34	2.00	0:10:45	46,576.70	970.35	1.08	0:17:45	36,571.19	1,523.80	0.69	0:24:45	21,016.19	1,751.35	0.60	0:31:45	2,445.49	2,445.49	0.43
0:03:50	50,418.68	525.19	2.00	0:10:50	46,650.94	971.89	1.08	0:17:50	36,818.02	1,534.08	0.68	0:24:50	20,825.56	1,735.46	0.60	0:31:50	2,330.36	2,330.36	0.45
0:03:55	50,409.03	525.09	2.00	0:10:55	46,654.92	971.98	1.08	0:17:55	36,857.03	1,535.71	0.68	0:24:55	20,784.24	1,732.02	0.61	0:31:55	2,314.00	2,314.00	0.45
0:04:00	50,352.20	524.50	2.00	0:11:00	46,600.81	970.85	1.08	0:18:00	36,788.66	1,532.86	0.68	0:25:00	20,660.93	1,721.74	0.61	0:32:00	2,301.83	2,301.83	0.45
0:04:05	50,390.79	524.90	2.00	0:11:05	46,634.16	971.54	1.08	0:18:05	36,811.31	1,533.80	0.68	0:25:05	20,801.02	1,733.42	0.60	0:32:05	2,360.55	2,360.55	0.44
0:04:10	50,400.64	525.01	2.00	0:11:10	46,713.22	973.19	1.08	0:18:10	36,665.77	1,527.74	0.69	0:25:10	20,859.32	1,738.28	0.60	0:32:10	2,358.67	2,358.67	0.44
0:04:15	50,370.24	524.69	2.00	0:11:15	46,608.36	971.01	1.08	0:18:15	36,786.77	1,532.78	0.68	0:25:15	20,839.19	1,736.60	0.60	0:32:15	2,291.56	2,291.56	0.46
0:04:20	50,411.55	525.12	2.00	0:11:20	46,443.32	967.57	1.08	0:18:20	36,812.36	1,533.85	0.68	0:25:20	20,737.27	1,728.11	0.61	0:32:20	2,324.69	2,324.69	0.45
0:04:25	50,378.20	524.77	2.00	0:11:25	46,355.66	965.74	1.09	0:18:25	36,660.10	1,527.50	0.69	0:25:25	20,848.42	1,737.37	0.60	0:32:25	2,321.13	2,321.13	0.45
0:04:30	50,388.27	524.88	2.00	0:11:30	46,377.26	966.19	1.08	0:18:30	36,736.86	1,530.70	0.68	0:25:30	20,717.97	1,726.50	0.61	0:32:30	2,422.21	2,422.21	0.43
0:04:35	50,381.77	524.81	2.00	0:11:35	46,454.01	967.79	1.08	0:18:35	36,745.46	1,531.06	0.68	0:25:35	20,800.81	1,733.40	0.60	0:32:35	2,367.47	2,367.47	0.44
0:04:40	50,410.29	525.11	2.00	0:11:40	46,442.27	967.55	1.08	0:18:40	36,687.79	1,528.66	0.69	0:25:40	20,834.16	1,736.18	0.60	0:32:40	2,264.50	2,264.50	0.46
0:04:45	50,376.53	524.76	2.00	0:11:45	46,446.88	967.64	1.08	0:18:45	36,875.90	1,536.50	0.68	0:25:45	20,896.44	1,741.37	0.60	0:32:45	2,466.25	2,466.25	0.42
0:04:50	50,421.62	525.23	2.00	0:11:50	46,312.25	964.84	1.09	0:18:50	36,695.97	1,529.00	0.69	0:25:50	20,714.83	1,726.24	0.61	0:32:50	2,304.35	2,304.35	0.45
0:04:55	50,397.50	524.97	2.00	0:11:55	46,432.62	967.35	1.08	0:18:55	36,838.36	1,534.93	0.68	0:25:55	20,723.85	1,726.99	0.61	0:32:55	2,367.47	2,367.47	0.44
0:05:00	50,365.83	524.64	2.00	0:12:00	46,518.40	969.13	1.08	0:19:00	36,765.38	1,531.89	0.68	0:26:00	20,767.26	1,730.60	0.61	0:33:00	2,351.12	2,351.12	0.45
0:05:05	50,369.19	524.68	2.00	0:12:05	46,462.82	967.98	1.08	0:19:05	36,935.25	1,538.97	0.68	0:26:05	20,609.34	1,717.45	0.61	0:33:05	2,337.28	2,337.28	0.45
0:05:10	50,393.72	524.93	2.00	0:12:10	46,499.31	968.74	1.08	0:19:10	36,731.83	1,530.49	0.68	0:26:10	20,738.11	1,728.18	0.61	0:33:10	2,262.20	2,262.20	0.46
0:05:15	50,373.59	524.72	2.00	0:12:15	46,464.71	968.01	1.08	0:19:15	36,833.12	1,534.71	0.68	0:26:15	20,777.95	1,731.50	0.61	0:33:15	2,385.30	2,385.30	0.44
0:05:20	50,396.03	524.96	2.00	0:12:20	46,453.80	967.79	1.08	0:19:20	36,924.14	1,538.51	0.68	0:26:20	20,786.13	1,732.18	0.61	0:33:20	2,374.19	2,374.19	0.44
0:05:25	50,383.87	524.83	2.00	0:12:25	46,485.26	968.44	1.08	0:19:25	36,624.45	1,526.02	0.69	0:26:25	20,518.74	1,709.90	0.61	0:33:25	2,263.88	2,263.88	0.46
0:05:30	50,393.93	524.94	2.00	0:12:30	46,433.67	967.37	1.08	0:19:30	36,867.93	1,536.16	0.68	0:26:30	20,639.33	1,719.94	0.61	0:33:30	2,311.90	2,311.90	0.45
0:05:35	50,381.77	524.81	2.00	0:12:35	46,469.32	968.11	1.08	0:19:35	36,707.29	1,529.47	0.69	0:26:35	20,680.44	1,723.37	0.61	0:33:35	2,435.00	2,435.00	0.43
0:05:40	50,420.99	525.22	2.00	0:12:40	46,383.55	966.32	1.09	0:19:40	36,950.77	1,539.62	0.68	0:26:40	20,711.89	1,725.99	0.61	0:33:40	2,288.62	2,288.62	0.46
0:05:45	50,374.64	524.74	2.00	0:12:45	46,451.71	967.74	1.08	0:19:45	36,696.18	1,529.01	0.69	0:26:45	20,739.16	1,728.26	0.61	0:33:45	2,267.02	2,267.02	0.46
0:05:50	50,399.81	525.00	2.00	0:12:50	46,445.42	967.61	1.08	0:19:50	36,726.16	1,530.26	0.69	0:26:50	20,768.73	1,730.73	0.61	0:33:50	2,325.11	2,325.11	0.45
0:05:55	50,392.26	524.92	2.00	0:12:55	46,398.86	966.64	1.08	0:19:55	36,812.99	1,533.87	0.68	0:26:55	20,860.79	1,738.40	0.60	0:33:55	2,330.36	2,330.36	0.45
0:06:00	50,377.58	524.77	2.00	0:13:00	46,487.36	968.49	1.08	0:20:00	36,734.55	1,530.61	0.68	0:27:00	20,716.09	1,726.34	0.61	0:34:00	2,270.59	2,270.59	0.46
0:06:05	50,404.63	525.05	2.00	0:13:05	46,519.44	969.16	1.08	0:20:05	36,849.69	1,535.40	0.68	0:27:05	20,766.84	1,730.57	0.61	0:34:05	2,360.76	2,360.76	0.44

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

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

TR6	96 Streams			TR7	48 Streams			TR8	24 Streams			TR9	12 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
0:06:10	50,436.09	525.38	2.00	0:13:10	46,521.33	969.19	1.08	0:20:10	36,929.38	1,538.72	0.68	0:27:10	20,709.59	1,725.80	0.61	0:34:10	2,313.16	2,313.16	0.45
0:06:15	50,347.59	524.45	2.00	0:13:15	46,528.88	969.35	1.08	0:20:15	36,743.78	1,530.99	0.68	0:27:15	20,728.67	1,727.39	0.61	0:34:15	2,413.40	2,413.40	0.43
0:06:20	50,414.90	525.16	2.00	0:13:20	46,555.52	969.91	1.08	0:20:20	36,768.11	1,532.00	0.68	0:27:20	20,749.85	1,729.15	0.61	0:34:20	2,433.54	2,433.54	0.43
0:06:25	50,381.14	524.80	2.00	0:13:25	46,452.97	967.77	1.08	0:20:25	36,639.13	1,526.63	0.69	0:27:25	20,734.75	1,727.90	0.61	0:34:25	2,311.69	2,311.69	0.45
0:06:30	50,388.06	524.88	2.00	0:13:30	46,530.56	969.39	1.08	0:20:30	36,698.27	1,529.09	0.69	0:27:30	20,581.24	1,715.10	0.61	0:34:30	2,114.77	2,114.77	0.49
0:06:35	50,422.45	525.23	2.00	0:13:35	46,488.41	968.51	1.08	0:20:35	36,717.36	1,529.89	0.69	0:27:35	20,835.62	1,736.30	0.60	0:34:35	2,259.68	2,259.68	0.46
0:06:40	50,398.97	524.99	2.00	0:13:40	46,480.65	968.35	1.08	0:20:40	36,730.57	1,530.44	0.68	0:27:40	20,738.32	1,728.19	0.61	0:34:40	2,340.63	2,340.63	0.45
0:06:45	50,378.41	1,199.49	2.00	0:13:45	46,507.28	2,583.74	1.08	0:20:45	36,846.75	5,263.82	0.68	0:27:45	20,895.18	4,179.04	0.60	0:34:45	2,306.66	2,306.66	0.45
0:06:50	156.45	0.00	0.89	0:13:50	106.75	0.00	0.67	0:20:50	69.84	0.00	0.60	0:27:50	42.36	0.00	0.56	0:34:50	11.74	0.00	0.37
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				