

## Large File Processing - Write Only - 256KiB

## Test Run Sequence - Ramp-Up Interval

TR6 Test Run Sequence Time	16 Streams			TR7 Test Run Sequence Time	8 Streams			TR8 Test Run Sequence Time	4 Streams			TR9 Test Run Sequence Time	2 Streams			TR10 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
0:00:00	1,329.23	332.31	0.69	0:07:00	497.92	248.96	0.64	0:14:00	563.87	281.94	0.82	0:21:00	607.96	303.98	0.75	0:28:00	394.79	394.79	0.66
0:00:05	1,544.71	308.94	0.80	0:07:05	853.65	426.82	0.61	0:14:05	603.35	301.68	0.87	0:21:05	681.36	340.68	0.77	0:28:05	398.04	398.04	0.66
0:00:10	1,847.01	263.86	0.86	0:07:10	853.07	426.53	0.61	0:14:10	715.08	238.36	0.84	0:21:10	669.83	334.92	0.78	0:28:10	398.04	398.04	0.66
0:00:15	2,106.48	263.31	0.93	0:07:15	844.79	281.60	0.66	0:14:15	963.27	321.09	0.82	0:21:15	683.67	341.84	0.76	0:28:15	398.67	398.67	0.66
0:00:20	2,242.75	280.34	0.94	0:07:20	1,151.81	287.95	0.76	0:14:20	973.71	324.57	0.81	0:21:20	644.98	322.49	0.81	0:28:20	398.93	398.93	0.66
0:00:25	2,347.60	234.76	1.02	0:07:25	1,350.25	270.05	0.84	0:14:25	966.21	322.07	0.81	0:21:25	698.46	349.23	0.75	0:28:25	397.36	397.36	0.66
0:00:30	2,541.54	231.05	1.13	0:07:30	1,553.94	258.99	0.87	0:14:30	967.15	322.38	0.81	0:21:30	673.71	336.86	0.78	0:28:30	398.56	398.56	0.66
0:00:35	2,584.74	198.83	1.17	0:07:35	1,738.91	289.82	0.90	0:14:35	1,236.17	309.04	0.84	0:21:35	648.33	324.17	0.81	0:28:35	396.99	396.99	0.66
0:00:40	2,671.67	190.83	1.29	0:07:40	1,719.09	286.51	0.91	0:14:40	1,252.84	313.21	0.84	0:21:40	704.43	352.22	0.74	0:28:40	398.88	398.88	0.66
0:00:45	2,753.67	183.58	1.40	0:07:45	1,862.32	266.05	0.93	0:14:45	1,259.23	314.81	0.83	0:21:45	723.36	361.68	0.72	0:28:45	395.99	395.99	0.66
0:00:50	2,761.01	184.07	1.42	0:07:50	1,962.57	280.37	0.93	0:14:50	1,258.97	314.74	0.83	0:21:50	669.46	334.73	0.78	0:28:50	399.72	399.72	0.66
0:00:55	2,769.29	184.62	1.42	0:07:55	1,954.76	244.34	0.95	0:14:55	1,263.01	315.75	0.83	0:21:55	686.61	343.30	0.76	0:28:55	396.78	396.78	0.66
0:01:00	2,768.76	173.05	1.48	0:08:00	2,167.88	270.98	0.97	0:15:00	1,256.93	314.23	0.83	0:22:00	689.07	344.54	0.76	0:29:00	399.72	399.72	0.66
0:01:05	2,787.12	174.19	1.50	0:08:05	2,171.34	271.42	0.97	0:15:05	1,254.15	313.54	0.84	0:22:05	721.63	360.82	0.73	0:29:05	398.20	398.20	0.66
0:01:10	2,779.25	173.70	1.51	0:08:10	2,198.55	274.82	0.95	0:15:10	1,252.84	313.21	0.84	0:22:10	723.05	361.52	0.73	0:29:10	397.99	397.99	0.66
0:01:15	2,786.22	174.14	1.51	0:08:15	2,174.80	271.85	0.96	0:15:15	1,248.59	312.15	0.84	0:22:15	682.52	341.26	0.77	0:29:15	398.25	398.25	0.66
0:01:20	2,784.49	174.03	1.51	0:08:20	2,181.25	272.66	0.96	0:15:20	1,233.13	308.28	0.85	0:22:20	616.04	308.02	0.85	0:29:20	398.25	398.25	0.66
0:01:25	2,780.09	173.76	1.51	0:08:25	2,178.26	272.28	0.96	0:15:25	1,244.66	311.16	0.84	0:22:25	625.06	312.53	0.84	0:29:25	398.83	398.83	0.66
0:01:30	2,786.96	174.18	1.50	0:08:30	2,182.87	272.86	0.96	0:15:30	1,253.57	313.39	0.84	0:22:30	631.87	315.94	0.83	0:29:30	397.04	397.04	0.66
0:01:35	2,781.77	173.86	1.51	0:08:35	2,163.89	270.49	0.97	0:15:35	1,251.89	312.97	0.84	0:22:35	628.73	314.36	0.83	0:29:35	399.04	399.04	0.66
0:01:40	2,787.38	174.21	1.50	0:08:40	2,156.97	269.62	0.97	0:15:40	1,257.14	314.28	0.83	0:22:40	671.40	335.70	0.78	0:29:40	397.72	397.72	0.66
0:01:45	2,777.47	173.59	1.51	0:08:45	2,172.07	271.51	0.97	0:15:45	1,255.62	313.90	0.84	0:22:45	662.49	331.25	0.79	0:29:45	399.04	399.04	0.66
0:01:50	2,790.37	174.40	1.50	0:08:50	2,159.80	269.98	0.97	0:15:50	1,249.96	312.49	0.84	0:22:50	686.92	343.46	0.76	0:29:50	396.15	396.15	0.66
0:01:55	2,779.57	173.72	1.51	0:08:55	2,167.14	270.89	0.97	0:15:55	1,243.77	310.94	0.84	0:22:55	672.56	336.28	0.78	0:29:55	397.67	397.67	0.66
0:02:00	2,789.74	174.36	1.50	0:09:00	2,162.48	270.31	0.97	0:16:00	1,252.00	313.00	0.84	0:23:00	651.27	325.64	0.80	0:30:00	398.72	398.72	0.66
0:02:05	2,784.34	174.02	1.51	0:09:05	2,176.79	272.10	0.96	0:16:05	1,257.56	314.39	0.83	0:23:05	653.16	326.58	0.80	0:30:05	397.83	397.83	0.66
0:02:10	2,780.30	173.77	1.51	0:09:10	2,174.17	271.77	0.96	0:16:10	1,247.96	311.99	0.84	0:23:10	719.22	359.61	0.73	0:30:10	395.73	395.73	0.66
0:02:15	2,787.17	174.20	1.50	0:09:15	2,178.15	272.27	0.96	0:16:15	1,258.61	314.65	0.83	0:23:15	689.65	344.82	0.76	0:30:15	397.93	397.93	0.66
0:02:20	2,779.04	173.69	1.51	0:09:20	2,166.10	270.76	0.97	0:16:20	1,243.14	310.78	0.84	0:23:20	643.09	321.55	0.81	0:30:20	399.66	399.66	0.66
0:02:25	2,786.96	174.18	1.50	0:09:25	2,155.03	269.38	0.97	0:16:25	1,258.03	314.51	0.83	0:23:25	647.60	323.80	0.81	0:30:25	397.88	397.88	0.66
0:02:30	2,778.83	173.68	1.51	0:09:30	2,161.80	270.22	0.97	0:16:30	1,254.04	313.51	0.84	0:23:30	653.37	326.68	0.80	0:30:30	397.57	397.57	0.66
0:02:35	2,784.70	174.04	1.51	0:09:35	2,152.73	269.09	0.97	0:16:35	1,253.57	313.39	0.84	0:23:35	605.76	302.88	0.86	0:30:35	398.09	398.09	0.66
0:02:40	2,772.49	173.28	1.51	0:09:40	2,173.91	271.74	0.96	0:16:40	1,251.84	312.96	0.84	0:23:40	672.98	336.49	0.78	0:30:40	399.56	399.56	0.66
0:02:45	2,789.37	174.34	1.50	0:09:45	2,165.52	270.69	0.97	0:16:45	1,253.42	313.35	0.84	0:23:45	650.01	325.01	0.81	0:30:45	398.51	398.51	0.66
0:02:50	2,783.24	173.95	1.51	0:09:50	2,164.63	270.58	0.97	0:16:50	1,246.97	311.74	0.84	0:23:50	667.63	333.81	0.78	0:30:50	402.92	402.92	0.65
0:02:55	2,785.38	174.09	1.50	0:09:55	2,167.62	270.95	0.97	0:16:55	1,244.92	311.23	0.84	0:23:55	714.60	357.30	0.73	0:30:55	397.93	397.93	0.66

## Large File Processing - Write Only - 256KiB

Test Run Sequence = Measurement Interval

TR6	16 Streams			TR7	8 Streams			TR8	4 Streams			TR9	2 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
0:03:00	2,787.43	174.21	1.51	0:10:00	2,161.32	270.17	0.97	0:17:00	1,254.62	313.66	0.84	0:24:00	682.31	341.15	0.77	0:31:00	398.67	398.67	0.66
0:03:05	2,778.62	173.66	1.51	0:10:05	2,172.65	271.58	0.97	0:17:05	1,264.48	316.12	0.83	0:24:05	644.66	322.33	0.81	0:31:05	398.77	398.77	0.66
0:03:10	2,786.91	174.18	1.51	0:10:10	2,145.60	268.20	0.98	0:17:10	1,257.24	314.31	0.83	0:24:10	627.36	313.68	0.83	0:31:10	398.25	398.25	0.66
0:03:15	2,779.25	173.70	1.51	0:10:15	2,155.14	269.39	0.97	0:17:15	1,249.33	312.33	0.84	0:24:15	665.64	332.82	0.79	0:31:15	397.10	397.10	0.66
0:03:20	2,793.67	174.60	1.50	0:10:20	2,167.67	270.96	0.97	0:17:20	1,249.85	312.46	0.84	0:24:20	639.95	319.97	0.82	0:31:20	397.88	397.88	0.66
0:03:25	2,781.98	173.87	1.51	0:10:25	2,164.73	270.59	0.97	0:17:25	1,249.90	312.48	0.84	0:24:25	633.24	316.62	0.83	0:31:25	399.25	399.25	0.66
0:03:30	2,793.04	174.56	1.50	0:10:30	2,165.78	270.72	0.97	0:17:30	1,256.77	314.19	0.83	0:24:30	668.05	334.02	0.78	0:31:30	398.41	398.41	0.66
0:03:35	2,780.40	173.78	1.51	0:10:35	2,158.49	269.81	0.97	0:17:35	1,246.34	311.58	0.84	0:24:35	612.68	306.34	0.85	0:31:35	398.14	398.14	0.66
0:03:40	2,792.83	174.55	1.50	0:10:40	2,161.53	270.19	0.97	0:17:40	1,249.38	312.34	0.84	0:24:40	641.31	320.65	0.82	0:31:40	396.99	396.99	0.66
0:03:45	2,790.58	174.41	1.50	0:10:45	2,173.96	271.75	0.97	0:17:45	1,244.40	311.10	0.84	0:24:45	635.12	317.56	0.82	0:31:45	398.56	398.56	0.66
0:03:50	2,783.65	173.98	1.51	0:10:50	2,163.68	270.46	0.97	0:17:50	1,259.23	314.81	0.83	0:24:50	632.29	316.15	0.83	0:31:50	398.46	398.46	0.66
0:03:55	2,787.06	174.19	1.50	0:10:55	2,149.21	268.65	0.97	0:17:55	1,252.21	313.05	0.84	0:24:55	648.96	324.48	0.81	0:31:55	396.20	396.20	0.66
0:04:00	2,777.73	173.61	1.51	0:11:00	2,153.04	269.13	0.97	0:18:00	1,253.42	313.35	0.84	0:25:00	631.98	315.99	0.83	0:32:00	399.30	399.30	0.66
0:04:05	2,785.02	174.06	1.51	0:11:05	2,149.74	268.72	0.98	0:18:05	1,257.03	314.26	0.83	0:25:05	647.39	323.70	0.81	0:32:05	397.83	397.83	0.66
0:04:10	2,777.57	173.60	1.51	0:11:10	2,166.99	270.87	0.97	0:18:10	1,243.19	310.80	0.84	0:25:10	662.18	331.09	0.79	0:32:10	399.40	399.40	0.66
0:04:15	2,784.28	174.02	1.51	0:11:15	2,144.76	268.09	0.98	0:18:15	1,240.52	310.13	0.84	0:25:15	679.48	339.74	0.77	0:32:15	396.89	396.89	0.66
0:04:20	2,779.98	173.75	1.51	0:11:20	2,161.69	270.21	0.97	0:18:20	1,250.16	312.54	0.84	0:25:20	603.87	301.94	0.87	0:32:20	398.77	398.77	0.66
0:04:25	2,783.92	173.99	1.51	0:11:25	2,165.20	270.65	0.97	0:18:25	1,251.00	312.75	0.84	0:25:25	634.28	317.14	0.83	0:32:25	398.51	398.51	0.66
0:04:30	2,786.07	174.13	1.51	0:11:30	2,165.83	270.73	0.97	0:18:30	1,274.33	318.58	0.82	0:25:30	667.73	333.87	0.78	0:32:30	399.09	399.09	0.66
0:04:35	2,780.93	173.81	1.51	0:11:35	2,142.82	267.85	0.98	0:18:35	1,250.01	312.50	0.84	0:25:35	727.50	363.75	0.72	0:32:35	409.31	409.31	0.64
0:04:40	2,788.01	174.25	1.50	0:11:40	2,163.68	270.46	0.97	0:18:40	1,249.33	312.33	0.84	0:25:40	642.88	321.44	0.82	0:32:40	396.73	396.73	0.66
0:04:45	2,779.93	173.75	1.51	0:11:45	2,174.54	271.82	0.96	0:18:45	1,250.69	312.67	0.84	0:25:45	674.76	337.38	0.78	0:32:45	399.61	399.61	0.66
0:04:50	2,784.39	174.02	1.51	0:11:50	2,169.40	271.17	0.97	0:18:50	1,241.41	310.35	0.84	0:25:50	688.91	344.46	0.76	0:32:50	408.00	408.00	0.64
0:04:55	2,773.38	173.34	1.51	0:11:55	2,157.13	269.64	0.97	0:18:55	1,231.29	307.82	0.85	0:25:55	715.18	357.59	0.73	0:32:55	398.20	398.20	0.66
0:05:00	2,789.42	174.34	1.50	0:12:00	2,155.77	269.47	0.97	0:19:00	1,239.73	309.93	0.85	0:26:00	692.11	346.06	0.76	0:33:00	397.20	397.20	0.66
0:05:05	2,777.15	173.57	1.51	0:12:05	2,175.64	271.95	0.96	0:19:05	1,240.78	310.19	0.84	0:26:05	693.84	346.92	0.76	0:33:05	402.39	402.39	0.65
0:05:10	2,785.23	174.08	1.51	0:12:10	2,157.60	269.70	0.97	0:19:10	1,254.20	313.55	0.84	0:26:10	645.61	322.80	0.81	0:33:10	398.67	398.67	0.66
0:05:15	2,777.94	173.62	1.51	0:12:15	2,162.37	270.30	0.97	0:19:15	1,243.87	310.97	0.84	0:26:15	606.39	303.20	0.86	0:33:15	397.41	397.41	0.66
0:05:20	2,786.85	174.18	1.51	0:12:20	2,165.26	270.66	0.97	0:19:20	1,252.58	313.14	0.84	0:26:20	713.03	356.52	0.74	0:33:20	396.52	396.52	0.66
0:05:25	2,786.17	174.14	1.50	0:12:25	2,170.29	271.29	0.97	0:19:25	1,250.64	312.66	0.84	0:26:25	604.50	302.25	0.87	0:33:25	397.78	397.78	0.66
0:05:30	2,781.14	173.82	1.51	0:12:30	2,174.80	271.85	0.96	0:19:30	1,251.95	312.99	0.84	0:26:30	637.64	318.82	0.82	0:33:30	399.72	399.72	0.66
0:05:35	2,783.50	173.97	1.51	0:12:35	2,156.45	269.56	0.97	0:19:35	1,244.66	311.16	0.84	0:26:35	644.56	322.28	0.81	0:33:35	397.31	397.31	0.66
0:05:40	2,777.89	173.62	1.51	0:12:40	2,147.69	268.46	0.98	0:19:40	1,242.35	310.59	0.84	0:26:40	642.25	321.13	0.82	0:33:40	397.93	397.93	0.66
0:05:45	2,790.26	174.39	1.50	0:12:45	2,158.65	269.83	0.97	0:19:45	1,252.10	313.03	0.84	0:26:45	678.22	339.11	0.77	0:33:45	398.20	398.20	0.66
0:05:50	2,780.56	173.79	1.51	0:12:50	2,162.32	270.29	0.97	0:19:50	1,251.53	312.88	0.84	0:26:50	686.40	343.20	0.76	0:33:50	399.56	399.56	0.66
0:05:55	2,783.08	173.94	1.51	0:12:55	2,136.68	267.09	0.98	0:19:55	1,245.13	311.28	0.84	0:26:55	678.43	339.21	0.77	0:33:55	397.36	397.36	0.66
0:06:00	2,778.31	173.64	1.51	0:13:00	2,159.44	269.93	0.97	0:20:00	1,235.22	308.81	0.85	0:27:00	712.40	356.20	0.74	0:34:00	397.93	397.93	0.66

**Large File Processing - Write Only - 256KiB**

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

TR6				TR7				TR8				TR9				TR10			
16 Streams				8 Streams				4 Streams				2 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
0:06:05	2,782.24	173.89	1.51	0:13:05	2,160.80	270.10	0.97	0:20:05	1,250.79	312.70	0.84	0:27:05	692.74	346.37	0.76	0:34:05	398.93	398.93	0.66
0:06:10	2,783.13	173.95	1.51	0:13:10	2,171.60	271.45	0.97	0:20:10	1,248.33	312.08	0.84	0:27:10	678.22	339.11	0.77	0:34:10	398.41	398.41	0.66
0:06:15	2,780.98	173.81	1.51	0:13:15	2,158.28	269.79	0.97	0:20:15	1,245.66	311.41	0.84	0:27:15	674.39	337.20	0.78	0:34:15	398.41	398.41	0.66
0:06:20	2,783.55	173.97	1.51	0:13:20	2,147.33	268.42	0.98	0:20:20	1,238.11	309.53	0.85	0:27:20	659.55	329.78	0.79	0:34:20	396.62	396.62	0.66
0:06:25	2,779.20	173.70	1.51	0:13:25	2,178.94	272.37	0.96	0:20:25	1,247.39	311.85	0.84	0:27:25	655.26	327.63	0.80	0:34:25	398.09	398.09	0.66
0:06:30	2,784.70	174.04	1.51	0:13:30	2,157.29	269.66	0.97	0:20:30	1,247.44	311.86	0.84	0:27:30	627.21	313.60	0.84	0:34:30	398.41	398.41	0.66
0:06:35	2,774.43	173.40	1.51	0:13:35	2,172.70	271.59	0.96	0:20:35	1,240.41	310.10	0.84	0:27:35	691.59	345.79	0.76	0:34:35	398.14	398.14	0.66
0:06:40	2,782.55	173.91	1.51	0:13:40	2,148.01	268.50	0.98	0:20:40	1,252.00	313.00	0.84	0:27:40	706.11	353.06	0.74	0:34:40	398.35	398.35	0.66
0:06:45	21.71	0.00	1.49	0:13:45	16.52	0.00	0.97	0:20:45	8.65	0.00	0.89	0:27:45	4.98	0.00	0.78	0:34:45	2.88	0.00	0.66
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