

Large File Processing - Read/Write - 1024KiB

Test Run Sequence - Ramp-Up Interval

TR11	32 Streams			TR12	16 Streams			TR13	8 Streams			TR14	4 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	514.85	171.62	3.97	0:07:00	227.33	113.67	5.35	0:14:00	307.23	153.62	4.51	0:21:00	198.18	198.18	5.24	0:28:00	681.57	681.57	1.53
0:00:05	1,146.93	191.16	3.19	0:07:05	831.31	166.26	3.55	0:14:05	525.34	262.67	3.99	0:21:05	408.53	204.26	5.11	0:28:05	683.67	683.67	1.53
0:00:10	1,708.55	155.32	5.12	0:07:10	1,877.79	268.26	3.54	0:14:10	648.65	216.22	4.63	0:21:10	418.80	209.40	5.01	0:28:10	691.22	691.22	1.52
0:00:15	2,557.27	213.11	4.77	0:07:15	2,256.54	282.07	3.45	0:14:15	674.23	224.74	4.66	0:21:15	408.94	204.47	5.12	0:28:15	686.82	686.82	1.52
0:00:20	2,912.11	194.14	5.04	0:07:20	2,592.71	288.08	3.59	0:14:20	827.12	206.78	4.38	0:21:20	408.32	204.16	5.14	0:28:20	688.91	688.91	1.52
0:00:25	3,294.21	156.87	5.52	0:07:25	2,694.21	269.42	3.65	0:14:25	1,156.79	231.36	4.53	0:21:25	407.27	203.63	5.15	0:28:25	689.33	689.33	1.52
0:00:30	4,108.74	178.64	5.64	0:07:30	3,047.79	253.98	3.72	0:14:30	1,123.86	224.77	4.67	0:21:30	559.10	186.37	5.12	0:28:30	689.75	689.75	1.52
0:00:35	4,160.75	180.90	5.79	0:07:35	3,393.82	282.82	3.70	0:14:35	1,141.27	190.21	4.69	0:21:35	654.10	163.53	5.19	0:28:35	689.12	689.12	1.52
0:00:40	4,123.42	179.28	5.85	0:07:40	3,350.20	279.18	3.76	0:14:40	1,379.93	229.99	4.56	0:21:40	817.05	204.26	5.14	0:28:40	685.77	685.77	1.53
0:00:45	4,154.88	180.65	5.80	0:07:45	3,435.76	245.41	3.78	0:14:45	1,422.92	237.15	4.42	0:21:45	807.40	201.85	5.19	0:28:45	687.24	687.24	1.53
0:00:50	4,125.73	171.91	6.02	0:07:50	3,702.52	264.47	3.97	0:14:50	1,414.95	235.82	4.45	0:21:50	813.07	203.27	5.17	0:28:50	685.35	685.35	1.53
0:00:55	4,295.81	171.83	6.09	0:07:55	3,852.68	256.85	4.00	0:14:55	1,393.35	232.22	4.51	0:21:55	810.97	202.74	5.17	0:28:55	691.22	691.22	1.52
0:01:00	4,318.04	166.08	6.20	0:08:00	3,913.08	260.87	4.02	0:15:00	1,549.59	221.37	4.54	0:22:00	810.55	202.64	5.18	0:29:00	690.59	690.59	1.52
0:01:05	4,642.47	160.09	6.33	0:08:05	4,081.06	255.07	4.07	0:15:05	1,611.03	230.15	4.56	0:22:05	812.65	203.16	5.16	0:29:05	690.80	690.80	1.52
0:01:10	4,783.81	159.46	6.47	0:08:10	4,167.88	260.49	4.03	0:15:10	1,512.05	216.01	4.85	0:22:10	818.73	204.68	5.13	0:29:10	684.93	684.93	1.53
0:01:15	4,773.12	159.10	6.58	0:08:15	4,130.13	258.13	4.06	0:15:15	1,586.91	226.70	4.62	0:22:15	812.02	203.00	5.16	0:29:15	711.14	711.14	1.47
0:01:20	4,806.67	155.05	6.69	0:08:20	4,142.50	258.91	4.05	0:15:20	1,621.10	231.59	4.53	0:22:20	799.43	199.86	5.25	0:29:20	688.49	688.49	1.52
0:01:25	4,806.88	150.22	6.90	0:08:25	4,159.70	259.98	4.04	0:15:25	1,843.40	230.42	4.44	0:22:25	813.69	203.42	5.16	0:29:25	691.64	691.64	1.52
0:01:30	4,834.98	151.09	6.94	0:08:30	4,087.56	255.47	4.10	0:15:30	1,852.62	231.58	4.53	0:22:30	805.10	201.27	5.21	0:29:30	693.11	693.11	1.51
0:01:35	4,810.45	150.33	6.96	0:08:35	4,118.39	257.40	4.07	0:15:35	1,827.46	228.43	4.58	0:22:35	809.71	202.43	5.17	0:29:35	707.37	707.37	1.48
0:01:40	4,825.76	150.80	6.96	0:08:40	4,110.21	256.89	4.08	0:15:40	1,900.02	237.50	4.42	0:22:40	806.15	201.54	5.20	0:29:40	695.84	695.84	1.51
0:01:45	4,807.51	150.23	6.98	0:08:45	4,131.60	258.22	4.06	0:15:45	1,896.66	237.08	4.42	0:22:45	814.53	203.63	5.15	0:29:45	690.38	690.38	1.52
0:01:50	4,838.76	151.21	6.94	0:08:50	4,142.71	258.92	4.05	0:15:50	1,876.74	234.59	4.47	0:22:50	806.35	201.59	5.20	0:29:50	693.32	693.32	1.51
0:01:55	4,796.82	149.90	6.98	0:08:55	4,114.40	257.15	4.07	0:15:55	1,835.64	229.45	4.57	0:22:55	794.82	198.71	5.27	0:29:55	693.32	693.32	1.51
0:02:00	4,811.92	150.37	6.98	0:09:00	4,129.29	258.08	4.06	0:16:00	1,888.28	236.03	4.44	0:23:00	790.84	197.71	5.30	0:30:00	688.08	688.08	1.52
0:02:05	4,814.22	150.44	6.97	0:09:05	4,155.93	259.75	4.04	0:16:05	1,824.10	228.01	4.60	0:23:05	792.30	198.08	5.30	0:30:05	690.59	690.59	1.52
0:02:10	4,846.73	151.46	6.93	0:09:10	4,168.93	260.56	4.02	0:16:10	1,846.12	230.77	4.54	0:23:10	811.18	202.79	5.17	0:30:10	694.16	694.16	1.51
0:02:15	4,817.58	150.55	6.95	0:09:15	4,156.76	259.80	4.03	0:16:15	1,879.05	234.88	4.46	0:23:15	812.02	203.00	5.17	0:30:15	710.93	710.93	1.47
0:02:20	4,806.46	150.20	6.99	0:09:20	4,142.71	258.92	4.05	0:16:20	1,872.97	234.12	4.48	0:23:20	810.34	202.58	5.18	0:30:20	716.60	716.60	1.46
0:02:25	4,801.64	150.05	6.99	0:09:25	4,085.04	255.32	4.11	0:16:25	1,824.31	228.04	4.60	0:23:25	815.37	203.84	5.15	0:30:25	692.27	692.27	1.52
0:02:30	4,833.73	151.05	6.94	0:09:30	4,159.91	259.99	4.03	0:16:30	1,824.94	228.12	4.60	0:23:30	808.03	202.01	5.19	0:30:30	692.69	692.69	1.51
0:02:35	4,817.58	150.55	6.95	0:09:35	4,103.29	256.46	4.09	0:16:35	1,851.37	231.42	4.52	0:23:35	806.77	201.69	5.19	0:30:35	687.03	687.03	1.52
0:02:40	4,824.08	150.75	6.96	0:09:40	4,117.76	257.36	4.08	0:16:40	1,860.80	232.60	4.51	0:23:40	816.00	204.00	5.15	0:30:40	690.59	690.59	1.52
0:02:45	4,792.62	149.77	7.00	0:09:45	4,129.08	258.07	4.06	0:16:45	1,853.04	231.63	4.53	0:23:45	815.58	203.90	5.14	0:30:45	690.80	690.80	1.52
0:02:50	4,852.60	151.64	6.92	0:09:50	4,102.87	256.43	4.08	0:16:50	1,878.84	234.85	4.47	0:23:50	810.34	202.58	5.18	0:30:50	692.90	692.90	1.51
0:02:55	4,798.91	149.97	6.98	0:09:55	4,147.33	259.21	4.04	0:16:55	1,865.21	233.15	4.49	0:23:55	792.30	198.08	5.29	0:30:55	687.66	687.66	1.52

Large File Processing - Read/Write - 1024KiB

Test Run Sequence = Measurement Interval

TR11	32 Streams			TR12	16 Streams			TR13	8 Streams			TR14	4 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
0:03:00	4,818.84	150.59	6.97	0:10:00	4,139.57	258.72	4.05	0:17:00	1,834.59	229.32	4.57	0:24:00	813.49	203.37	5.16	0:31:00	690.17	690.17	1.52
0:03:05	4,841.28	151.29	6.93	0:10:05	4,133.70	258.36	4.06	0:17:05	1,875.27	234.41	4.48	0:24:05	795.87	198.97	5.27	0:31:05	683.46	683.46	1.53
0:03:10	4,825.13	150.79	6.96	0:10:10	4,154.46	259.65	4.04	0:17:10	1,870.87	233.86	4.49	0:24:10	792.93	198.23	5.29	0:31:10	690.59	690.59	1.52
0:03:15	4,806.67	150.21	6.97	0:10:15	4,157.18	259.82	4.03	0:17:15	1,838.99	229.87	4.56	0:24:15	806.15	201.54	5.19	0:31:15	687.87	687.87	1.52
0:03:20	4,822.82	150.71	6.96	0:10:20	4,151.31	259.46	4.04	0:17:20	1,868.56	233.57	4.49	0:24:20	811.39	202.85	5.17	0:31:20	691.85	691.85	1.52
0:03:25	4,814.64	150.46	6.97	0:10:25	4,112.31	257.02	4.08	0:17:25	1,847.38	230.92	4.54	0:24:25	800.69	200.17	5.24	0:31:25	689.75	689.75	1.52
0:03:30	4,825.76	150.80	6.95	0:10:30	4,120.27	257.52	4.07	0:17:30	1,890.79	236.35	4.44	0:24:30	809.29	202.32	5.19	0:31:30	692.06	692.06	1.52
0:03:35	4,820.51	150.64	6.95	0:10:35	4,140.62	258.79	4.05	0:17:35	1,888.07	236.01	4.44	0:24:35	802.37	200.59	5.22	0:31:35	687.87	687.87	1.52
0:03:40	4,804.37	150.14	6.99	0:10:40	4,107.27	256.70	4.09	0:17:40	1,843.19	230.40	4.55	0:24:40	812.44	203.11	5.16	0:31:40	692.69	692.69	1.51
0:03:45	4,831.42	150.98	6.95	0:10:45	4,167.46	260.47	4.03	0:17:45	1,893.31	236.66	4.43	0:24:45	812.44	203.11	5.16	0:31:45	691.64	691.64	1.52
0:03:50	4,816.53	150.52	6.96	0:10:50	4,139.36	258.71	4.06	0:17:50	1,851.79	231.47	4.53	0:24:50	804.26	201.06	5.22	0:31:50	695.00	695.00	1.51
0:03:55	4,812.75	150.40	6.97	0:10:55	4,077.70	254.86	4.11	0:17:55	1,831.44	228.93	4.57	0:24:55	811.39	202.85	5.16	0:31:55	692.06	692.06	1.51
0:04:00	4,821.35	150.67	6.96	0:11:00	4,106.64	256.67	4.09	0:18:00	1,901.07	237.63	4.42	0:25:00	806.98	201.75	5.20	0:32:00	692.27	692.27	1.51
0:04:05	4,817.16	150.54	6.96	0:11:05	4,110.42	256.90	4.08	0:18:05	1,922.88	240.36	4.36	0:25:05	808.45	202.11	5.19	0:32:05	692.06	692.06	1.52
0:04:10	4,820.09	150.63	6.97	0:11:10	4,162.43	260.15	4.03	0:18:10	1,873.81	234.23	4.48	0:25:10	799.22	199.81	5.25	0:32:10	700.45	700.45	1.50
0:04:15	4,833.73	151.05	6.93	0:11:15	4,132.86	258.30	4.06	0:18:15	1,849.90	231.24	4.53	0:25:15	802.79	200.70	5.22	0:32:15	703.38	703.38	1.49
0:04:20	4,825.97	150.81	6.96	0:11:20	4,156.97	259.81	4.04	0:18:20	1,886.60	235.82	4.45	0:25:20	792.93	198.23	5.29	0:32:20	691.43	691.43	1.52
0:04:25	4,820.09	150.63	6.96	0:11:25	4,155.51	259.72	4.04	0:18:25	1,867.09	233.39	4.49	0:25:25	804.89	201.22	5.21	0:32:25	690.80	690.80	1.52
0:04:30	4,832.47	151.01	6.95	0:11:30	4,106.43	256.65	4.09	0:18:30	1,839.62	229.95	4.56	0:25:30	799.85	199.96	5.25	0:32:30	689.54	689.54	1.52
0:04:35	4,816.74	150.52	6.95	0:11:35	4,104.34	256.52	4.08	0:18:35	1,899.60	237.45	4.41	0:25:35	814.95	203.74	5.14	0:32:35	690.17	690.17	1.52
0:04:40	4,813.59	150.42	6.98	0:11:40	4,109.58	256.85	4.08	0:18:40	1,852.62	231.58	4.53	0:25:40	811.18	202.79	5.17	0:32:40	690.59	690.59	1.52
0:04:45	4,850.71	151.58	6.92	0:11:45	4,138.52	258.66	4.06	0:18:45	1,913.23	239.15	4.39	0:25:45	805.31	201.33	5.21	0:32:45	698.14	698.14	1.50
0:04:50	4,817.79	150.56	6.96	0:11:50	4,098.67	256.17	4.09	0:18:50	1,828.30	228.54	4.59	0:25:50	817.68	204.42	5.13	0:32:50	692.69	692.69	1.51
0:04:55	4,801.64	150.05	6.99	0:11:55	4,142.71	258.92	4.05	0:18:55	1,863.74	232.97	4.49	0:25:55	817.26	204.32	5.12	0:32:55	687.45	687.45	1.52
0:05:00	4,824.08	150.75	6.96	0:12:00	4,101.40	256.34	4.09	0:19:00	1,822.22	227.78	4.60	0:26:00	818.10	204.52	5.13	0:33:00	690.17	690.17	1.52
0:05:05	4,798.70	149.96	6.99	0:12:05	4,104.97	256.56	4.09	0:19:05	1,842.14	230.27	4.56	0:26:05	821.04	205.26	5.11	0:33:05	691.43	691.43	1.52
0:05:10	4,812.33	150.39	6.97	0:12:10	4,123.00	257.69	4.07	0:19:10	1,855.56	231.95	4.52	0:26:10	797.13	199.28	5.27	0:33:10	692.48	692.48	1.51
0:05:15	4,804.16	150.13	6.98	0:12:15	4,098.04	256.13	4.09	0:19:15	1,823.26	227.91	4.60	0:26:15	816.63	204.16	5.12	0:33:15	691.22	691.22	1.51
0:05:20	4,842.32	151.32	6.93	0:12:20	4,159.28	259.96	4.03	0:19:20	1,870.66	233.83	4.48	0:26:20	806.35	201.59	5.20	0:33:20	688.49	688.49	1.52
0:05:25	4,843.79	151.37	6.93	0:12:25	4,101.19	256.32	4.09	0:19:25	1,872.55	234.07	4.48	0:26:25	806.15	201.54	5.21	0:33:25	692.06	692.06	1.52
0:05:30	4,822.19	150.69	6.96	0:12:30	4,119.65	257.48	4.07	0:19:30	1,872.97	234.12	4.48	0:26:30	799.85	199.96	5.25	0:33:30	694.58	694.58	1.51
0:05:35	4,808.98	150.28	6.97	0:12:35	4,133.91	258.37	4.05	0:19:35	1,890.58	236.32	4.43	0:26:35	816.42	204.11	5.13	0:33:35	691.01	691.01	1.51
0:05:40	4,824.50	150.77	6.96	0:12:40	4,164.73	260.30	4.03	0:19:40	1,887.23	235.90	4.44	0:26:40	812.02	203.00	5.17	0:33:40	688.91	688.91	1.52
0:05:45	4,806.88	150.22	6.98	0:12:45	4,157.18	259.82	4.04	0:19:45	1,890.79	236.35	4.44	0:26:45	766.09	191.52	5.48	0:33:45	693.74	693.74	1.51
0:05:50	4,833.94	151.06	6.94	0:12:50	4,153.62	259.60	4.04	0:19:50	1,825.99	228.25	4.59	0:26:50	814.32	203.58	5.15	0:33:50	692.06	692.06	1.52
0:05:55	4,834.35	151.07	6.93	0:12:55	4,128.45	258.03	4.06	0:19:55	1,905.68	238.21	4.40	0:26:55	798.18	199.54	5.25	0:33:55	690.38	690.38	1.52
0:06:00	4,825.76	150.80	6.96	0:13:00	4,126.99	257.94	4.07	0:20:00	1,858.92	232.36	4.51	0:27:00	816.63	204.16	5.13	0:34:00	691.43	691.43	1.52

Large File Processing - Read/Write - 1024KiB

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

TR11				TR12				TR13				TR14				TR15			
32 Streams				16 Streams				8 Streams				4 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	4,823.45	150.73	6.96	0:13:05	4,138.31	258.64	4.06	0:20:05	1,899.60	237.45	4.42	0:27:05	804.26	201.06	5.22	0:34:05	693.11	693.11	1.51
0:06:10	4,799.75	149.99	7.00	0:13:10	4,125.10	257.82	4.07	0:20:10	1,821.17	227.65	4.61	0:27:10	801.95	200.49	5.23	0:34:10	689.75	689.75	1.52
0:06:15	4,801.22	150.04	6.98	0:13:15	4,130.55	258.16	4.06	0:20:15	1,815.29	226.91	4.62	0:27:15	805.73	201.43	5.20	0:34:15	689.33	689.33	1.52
0:06:20	4,826.18	150.82	6.96	0:13:20	4,143.97	259.00	4.05	0:20:20	1,792.44	224.05	4.68	0:27:20	803.21	200.80	5.22	0:34:20	691.64	691.64	1.52
0:06:25	4,830.79	150.96	6.95	0:13:25	4,142.50	258.91	4.05	0:20:25	1,848.43	231.05	4.54	0:27:25	815.58	203.90	5.15	0:34:25	685.14	685.14	1.53
0:06:30	4,835.19	151.10	6.94	0:13:30	4,089.66	255.60	4.11	0:20:30	1,839.41	229.93	4.56	0:27:30	815.37	203.84	5.15	0:34:30	691.22	691.22	1.52
0:06:35	4,822.19	150.69	6.95	0:13:35	4,098.88	256.18	4.09	0:20:35	1,878.00	234.75	4.46	0:27:35	807.19	201.80	5.19	0:34:35	688.91	688.91	1.52
0:06:40	4,799.54	149.99	6.99	0:13:40	4,145.65	259.10	4.05	0:20:40	1,826.20	228.27	4.59	0:27:40	785.38	196.35	5.34	0:34:40	699.19	699.19	1.50
0:06:45	43.62	0.00	6.78	0:13:45	34.39	0.00	3.93	0:20:45	13.63	0.00	5.57	0:27:45	6.29	0.00	5.54	0:34:45	5.45	0.00	1.45
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