

Large File Processing - Read/Write - 256KiB

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	4,313.16	287.54	0.41	0:07:00	1,236.06	412.02	0.31	0:14:00	852.02	426.01	0.31	0:21:00	926.42	463.21	0.31	0:28:00	820.77	820.77	0.31
0:00:05	6,255.65	231.69	0.94	0:07:05	3,425.80	489.40	0.33	0:14:05	2,416.39	483.28	0.32	0:21:05	2,738.78	456.46	0.32	0:28:05	841.22	841.22	0.31
0:00:10	7,404.41	231.39	1.05	0:07:10	6,861.15	428.82	0.49	0:14:10	4,589.30	655.61	0.34	0:21:10	4,668.68	778.11	0.34	0:28:10	841.59	841.59	0.31
0:00:15	7,423.76	206.22	1.21	0:07:15	7,523.90	376.19	0.62	0:14:15	5,570.25	696.28	0.35	0:21:15	5,193.65	741.95	0.34	0:28:15	840.54	840.54	0.31
0:00:20	7,436.19	177.05	1.35	0:07:20	7,417.21	337.15	0.75	0:14:20	6,358.83	635.88	0.37	0:21:20	5,455.64	779.38	0.34	0:28:20	842.16	842.16	0.31
0:00:25	7,488.62	156.01	1.55	0:07:25	7,649.89	306.00	0.79	0:14:25	6,896.06	626.91	0.38	0:21:25	6,128.93	766.12	0.34	0:28:25	841.59	841.59	0.31
0:00:30	8,661.92	166.58	1.50	0:07:30	8,636.23	332.16	0.77	0:14:30	7,301.55	608.46	0.41	0:21:30	6,214.81	776.85	0.34	0:28:30	842.53	842.53	0.31
0:00:35	11,409.19	200.16	1.25	0:07:35	10,247.05	353.35	0.71	0:14:35	7,463.29	574.10	0.42	0:21:35	7,138.08	713.81	0.34	0:28:35	840.91	840.91	0.31
0:00:40	11,361.32	183.25	1.40	0:07:40	11,046.12	356.33	0.71	0:14:40	8,706.22	621.87	0.42	0:21:40	8,151.37	741.03	0.34	0:28:40	841.22	841.22	0.31
0:00:45	10,949.55	161.02	1.54	0:07:45	10,260.53	310.93	0.80	0:14:45	8,748.43	624.89	0.42	0:21:45	8,808.67	734.06	0.35	0:28:45	840.22	840.22	0.31
0:00:50	10,700.40	142.67	1.73	0:07:50	10,264.77	293.28	0.86	0:14:50	9,033.95	564.62	0.42	0:21:50	8,971.77	747.65	0.35	0:28:50	841.74	841.74	0.31
0:00:55	11,708.82	148.21	1.71	0:07:55	9,958.64	269.15	0.96	0:14:55	10,032.57	627.04	0.42	0:21:55	8,942.05	745.17	0.35	0:28:55	838.28	838.28	0.31
0:01:00	11,710.81	144.58	1.78	0:08:00	10,760.02	290.81	0.90	0:15:00	9,858.66	616.17	0.43	0:22:00	8,965.06	747.09	0.35	0:29:00	840.85	840.85	0.31
0:01:05	11,469.48	138.19	1.87	0:08:05	11,204.77	287.30	0.88	0:15:05	9,635.94	507.15	0.47	0:22:05	8,973.77	747.81	0.35	0:29:05	841.53	841.53	0.31
0:01:10	11,400.38	132.56	1.94	0:08:10	11,913.87	277.07	0.90	0:15:10	10,934.13	475.40	0.52	0:22:10	8,967.63	747.30	0.35	0:29:10	841.95	841.95	0.31
0:01:15	11,221.49	124.68	2.05	0:08:15	11,203.30	248.96	1.05	0:15:15	11,379.93	494.78	0.53	0:22:15	8,959.77	746.65	0.35	0:29:15	840.17	840.17	0.31
0:01:20	11,474.83	124.73	2.07	0:08:20	11,410.66	242.78	1.07	0:15:20	11,167.39	465.31	0.54	0:22:20	8,977.59	748.13	0.35	0:29:20	840.80	840.80	0.31
0:01:25	11,485.79	119.64	2.14	0:08:25	11,493.13	239.44	1.08	0:15:25	11,213.16	467.21	0.56	0:22:25	8,956.99	746.42	0.35	0:29:25	841.17	841.17	0.31
0:01:30	11,584.41	120.67	2.17	0:08:30	11,238.17	234.13	1.12	0:15:30	10,984.78	457.70	0.57	0:22:30	8,964.28	747.02	0.35	0:29:30	840.17	840.17	0.31
0:01:35	11,417.16	118.93	2.20	0:08:35	11,149.35	232.28	1.13	0:15:35	10,824.45	451.02	0.58	0:22:35	8,958.09	746.51	0.35	0:29:35	840.59	840.59	0.31
0:01:40	10,976.70	114.34	2.29	0:08:40	11,079.31	230.82	1.14	0:15:40	10,957.83	456.58	0.57	0:22:40	8,951.12	745.93	0.35	0:29:40	840.33	840.33	0.31
0:01:45	11,214.68	116.82	2.25	0:08:45	11,091.68	231.08	1.13	0:15:45	10,784.71	449.36	0.58	0:22:45	8,966.53	747.21	0.35	0:29:45	840.43	840.43	0.31
0:01:50	11,502.98	119.82	2.19	0:08:50	10,950.86	228.14	1.15	0:15:50	10,972.35	457.18	0.57	0:22:50	8,962.65	746.89	0.35	0:29:50	841.69	841.69	0.31
0:01:55	11,379.20	118.53	2.21	0:08:55	10,993.01	229.02	1.14	0:15:55	10,876.30	453.18	0.58	0:22:55	8,969.52	747.46	0.35	0:29:55	839.96	839.96	0.31
0:02:00	11,444.11	119.21	2.20	0:09:00	10,871.01	226.48	1.16	0:16:00	10,951.69	456.32	0.57	0:23:00	8,972.04	747.67	0.35	0:30:00	841.32	841.32	0.31
0:02:05	11,380.98	118.55	2.21	0:09:05	11,031.96	229.83	1.14	0:16:05	10,580.50	440.85	0.59	0:23:05	8,965.06	747.09	0.35	0:30:05	841.74	841.74	0.31
0:02:10	11,562.28	120.44	2.17	0:09:10	10,926.27	227.63	1.15	0:16:10	10,713.77	446.41	0.59	0:23:10	8,978.90	748.24	0.35	0:30:10	841.59	841.59	0.31
0:02:15	11,821.23	123.14	2.13	0:09:15	11,071.81	230.66	1.14	0:16:15	10,714.98	446.46	0.59	0:23:15	8,978.06	748.17	0.35	0:30:15	842.11	842.11	0.31
0:02:20	11,611.04	120.95	2.17	0:09:20	10,873.94	226.54	1.16	0:16:20	10,756.45	448.19	0.58	0:23:20	8,960.34	746.70	0.35	0:30:20	841.17	841.17	0.31
0:02:25	11,475.77	119.54	2.19	0:09:25	11,235.60	234.07	1.12	0:16:25	11,014.19	458.92	0.57	0:23:25	8,968.26	747.36	0.35	0:30:25	841.59	841.59	0.31
0:02:30	11,402.37	118.77	2.20	0:09:30	11,030.76	229.81	1.14	0:16:30	10,912.53	454.69	0.58	0:23:30	8,973.24	747.77	0.35	0:30:30	840.80	840.80	0.31
0:02:35	11,782.80	122.74	2.14	0:09:35	11,094.14	231.13	1.13	0:16:35	10,637.86	443.24	0.59	0:23:35	8,978.54	748.21	0.35	0:30:35	841.53	841.53	0.31
0:02:40	11,605.01	120.89	2.17	0:09:40	11,006.90	229.31	1.14	0:16:40	10,602.52	441.77	0.59	0:23:40	8,963.07	746.92	0.35	0:30:40	841.01	841.01	0.31
0:02:45	11,527.52	120.08	2.18	0:09:45	10,936.49	227.84	1.15	0:16:45	10,782.98	449.29	0.58	0:23:45	8,981.11	748.43	0.35	0:30:45	840.28	840.28	0.31
0:02:50	11,400.28	118.75	2.21	0:09:50	11,014.71	229.47	1.14	0:16:50	10,936.39	455.68	0.58	0:23:50	8,963.02	746.92	0.35	0:30:50	842.32	842.32	0.31
0:02:55	11,904.01	124.00	2.12	0:09:55	11,052.78	230.27	1.14	0:16:55	10,834.15	451.42	0.58	0:23:55	8,980.21	748.35	0.35	0:30:55	842.22	842.22	0.31

Large File Processing - Read/Write - 256KiB

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	11,773.20	122.64	2.14	0:10:00	11,030.65	229.81	1.14	0:17:00	10,926.48	455.27	0.58	0:24:00	8,947.08	745.59	0.35	0:31:00	841.80	841.80	0.31
0:03:05	11,605.90	120.89	2.17	0:10:05	11,315.39	235.74	1.11	0:17:05	10,671.99	444.67	0.59	0:24:05	8,969.62	747.47	0.35	0:31:05	841.74	841.74	0.31
0:03:10	11,337.99	118.10	2.22	0:10:10	11,123.03	231.73	1.13	0:17:10	10,886.79	453.62	0.58	0:24:10	8,982.94	748.58	0.35	0:31:10	841.32	841.32	0.31
0:03:15	11,349.84	118.23	2.21	0:10:15	10,856.64	226.18	1.16	0:17:15	10,972.25	457.18	0.57	0:24:15	8,978.85	748.24	0.35	0:31:15	842.01	842.01	0.31
0:03:20	11,316.39	117.88	2.22	0:10:20	10,844.58	225.93	1.16	0:17:20	10,827.75	451.16	0.58	0:24:20	8,967.58	747.30	0.35	0:31:20	841.95	841.95	0.31
0:03:25	11,139.65	116.04	2.26	0:10:25	10,988.55	228.93	1.15	0:17:25	10,681.90	445.08	0.59	0:24:25	8,965.80	747.15	0.35	0:31:25	841.17	841.17	0.31
0:03:30	11,394.19	118.69	2.21	0:10:30	11,111.65	231.49	1.13	0:17:30	10,572.32	440.51	0.59	0:24:30	8,976.23	748.02	0.35	0:31:30	841.69	841.69	0.31
0:03:35	11,372.91	118.47	2.21	0:10:35	11,021.01	229.60	1.14	0:17:35	10,895.18	453.97	0.58	0:24:35	8,962.91	746.91	0.35	0:31:35	841.27	841.27	0.31
0:03:40	11,321.06	117.93	2.22	0:10:40	11,022.63	229.64	1.14	0:17:40	10,962.44	456.77	0.57	0:24:40	8,978.27	748.19	0.35	0:31:40	841.17	841.17	0.31
0:03:45	11,280.63	117.51	2.23	0:10:45	10,987.45	228.91	1.15	0:17:45	10,965.54	456.90	0.57	0:24:45	8,963.96	747.00	0.35	0:31:45	840.12	840.12	0.31
0:03:50	11,324.67	117.97	2.22	0:10:50	11,018.33	229.55	1.14	0:17:50	10,988.87	457.87	0.57	0:24:50	8,989.02	749.09	0.35	0:31:50	842.48	842.48	0.31
0:03:55	11,017.39	114.76	2.28	0:10:55	11,003.81	229.25	1.14	0:17:55	10,526.71	438.61	0.60	0:24:55	8,969.41	747.45	0.35	0:31:55	841.43	841.43	0.31
0:04:00	11,169.06	116.34	2.25	0:11:00	10,920.08	227.50	1.15	0:18:00	11,086.80	461.95	0.57	0:25:00	8,981.11	748.43	0.35	0:32:00	841.59	841.59	0.31
0:04:05	11,242.83	117.11	2.24	0:11:05	10,961.71	228.37	1.15	0:18:05	11,052.04	460.50	0.57	0:25:05	8,972.40	747.70	0.35	0:32:05	841.95	841.95	0.31
0:04:10	11,269.83	117.39	2.23	0:11:10	11,067.35	230.57	1.14	0:18:10	10,841.17	451.72	0.58	0:25:10	8,973.92	747.83	0.35	0:32:10	840.96	840.96	0.31
0:04:15	10,994.00	114.52	2.29	0:11:15	10,554.97	219.90	1.19	0:18:15	10,793.83	449.74	0.58	0:25:15	8,965.90	747.16	0.35	0:32:15	841.38	841.38	0.31
0:04:20	11,276.75	117.47	2.23	0:11:20	10,967.32	228.49	1.15	0:18:20	10,689.87	445.41	0.59	0:25:20	8,984.62	748.72	0.35	0:32:20	841.64	841.64	0.31
0:04:25	11,193.65	116.60	2.25	0:11:25	11,128.85	231.85	1.13	0:18:25	10,674.03	444.75	0.59	0:25:25	8,961.92	746.83	0.35	0:32:25	842.11	842.11	0.31
0:04:30	10,896.80	113.51	2.31	0:11:30	10,996.84	229.10	1.14	0:18:30	10,618.30	442.43	0.59	0:25:30	8,986.45	748.87	0.35	0:32:30	842.64	842.64	0.31
0:04:35	10,872.27	113.25	2.31	0:11:35	10,950.44	228.13	1.15	0:18:35	10,393.70	433.07	0.60	0:25:35	8,947.60	745.63	0.35	0:32:35	840.64	840.64	0.31
0:04:40	10,991.70	114.50	2.29	0:11:40	10,712.62	223.18	1.17	0:18:40	10,610.86	442.12	0.59	0:25:40	8,993.11	749.43	0.35	0:32:40	841.22	841.22	0.31
0:04:45	11,027.72	114.87	2.28	0:11:45	11,015.45	229.49	1.14	0:18:45	10,803.43	450.14	0.58	0:25:45	8,963.75	746.98	0.35	0:32:45	841.64	841.64	0.31
0:04:50	10,772.28	112.21	2.33	0:11:50	10,569.59	220.20	1.19	0:18:50	10,896.02	454.00	0.58	0:25:50	8,976.91	748.08	0.35	0:32:50	841.38	841.38	0.31
0:04:55	10,745.96	111.94	2.34	0:11:55	10,784.76	224.68	1.17	0:18:55	10,855.59	452.32	0.58	0:25:55	8,982.73	748.56	0.35	0:32:55	842.48	842.48	0.31
0:05:00	11,375.84	118.50	2.21	0:12:00	10,838.08	225.79	1.16	0:19:00	10,586.32	441.10	0.59	0:26:00	8,977.28	748.11	0.35	0:33:00	839.75	839.75	0.31
0:05:05	11,509.90	119.89	2.18	0:12:05	10,873.68	226.54	1.16	0:19:05	10,594.76	441.45	0.59	0:26:05	8,975.50	747.96	0.35	0:33:05	841.64	841.64	0.31
0:05:10	11,323.89	117.96	2.22	0:12:10	10,788.06	224.75	1.17	0:19:10	10,315.84	429.83	0.61	0:26:10	8,979.53	748.29	0.35	0:33:10	840.80	840.80	0.31
0:05:15	10,906.50	113.61	2.30	0:12:15	10,849.51	226.03	1.16	0:19:15	10,947.55	456.15	0.57	0:26:15	8,966.79	747.23	0.35	0:33:15	840.96	840.96	0.31
0:05:20	11,380.41	118.55	2.21	0:12:20	10,885.95	226.79	1.16	0:19:20	11,092.41	462.18	0.57	0:26:20	8,989.86	749.16	0.35	0:33:20	840.49	840.49	0.31
0:05:25	10,869.22	113.22	2.32	0:12:25	10,698.99	222.90	1.18	0:19:25	10,818.63	450.78	0.58	0:26:25	8,981.94	748.50	0.35	0:33:25	840.33	840.33	0.31
0:05:30	11,261.08	117.30	2.24	0:12:30	10,733.12	223.61	1.17	0:19:30	10,857.90	452.41	0.58	0:26:30	8,962.02	746.84	0.35	0:33:30	841.22	841.22	0.31
0:05:35	11,122.56	115.86	2.26	0:12:35	10,519.42	219.15	1.20	0:19:35	10,568.34	440.35	0.59	0:26:35	8,970.88	747.57	0.35	0:33:35	840.75	840.75	0.31
0:05:40	11,217.19	116.85	2.24	0:12:40	10,631.56	221.49	1.18	0:19:40	10,649.13	443.71	0.59	0:26:40	8,973.66	747.81	0.35	0:33:40	840.70	840.70	0.31
0:05:45	11,318.49	117.90	2.22	0:12:45	10,517.95	219.12	1.20	0:19:45	10,260.26	427.51	0.61	0:26:45	8,969.94	747.49	0.35	0:33:45	840.80	840.80	0.31
0:05:50	10,997.05	114.55	2.29	0:12:50	10,248.94	213.52	1.23	0:19:50	10,596.33	441.51	0.59	0:26:50	8,973.50	747.79	0.35	0:33:50	841.27	841.27	0.31
0:05:55	10,989.71	114.48	2.29	0:12:55	10,388.24	216.42	1.21	0:19:55	10,431.97	434.67	0.60	0:26:55	8,988.34	749.03	0.35	0:33:55	840.96	840.96	0.31
0:06:00	11,013.72	114.73	2.29	0:13:00	10,526.13	219.29	1.19	0:20:00	10,643.99	443.50	0.59	0:27:00	8,962.76	746.90	0.35	0:34:00	841.59	841.59	0.31

Large File Processing - Read/Write - 256KiB

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	11,006.38	114.65	2.28	0:13:05	10,742.61	223.80	1.17	0:20:05	10,573.79	440.57	0.59	0:27:05	8,979.53	748.29	0.35	0:34:05	841.22	841.22	0.31
0:06:10	11,228.57	116.96	2.24	0:13:10	10,594.81	220.73	1.19	0:20:10	10,495.04	437.29	0.60	0:27:10	8,964.54	747.04	0.35	0:34:10	840.17	840.17	0.31
0:06:15	11,052.52	115.13	2.28	0:13:15	10,650.81	221.89	1.18	0:20:15	10,246.00	426.92	0.61	0:27:15	8,983.26	748.60	0.35	0:34:15	841.59	841.59	0.31
0:06:20	10,611.22	110.53	2.37	0:13:20	10,503.43	218.82	1.20	0:20:20	10,447.75	435.32	0.60	0:27:20	8,970.72	747.56	0.35	0:34:20	840.59	840.59	0.31
0:06:25	10,870.12	113.23	2.32	0:13:25	10,614.16	221.13	1.18	0:20:25	10,417.13	434.05	0.60	0:27:25	8,991.75	749.31	0.35	0:34:25	841.59	841.59	0.31
0:06:30	11,148.15	116.13	2.26	0:13:30	10,659.40	222.07	1.18	0:20:30	10,455.77	435.66	0.60	0:27:30	8,963.02	746.92	0.35	0:34:30	842.01	842.01	0.31
0:06:35	11,191.87	116.58	2.25	0:13:35	10,642.21	221.71	1.18	0:20:35	10,284.59	428.52	0.61	0:27:35	8,986.19	748.85	0.35	0:34:35	841.69	841.69	0.31
0:06:40	11,010.57	114.69	2.29	0:13:40	10,466.10	218.04	1.20	0:20:40	10,162.64	423.44	0.62	0:27:40	8,973.87	747.82	0.35	0:34:40	841.80	841.80	0.31
0:06:45	414.08	0.00	2.05	0:13:45	412.56	0.00	1.03	0:20:45	414.82	0.00	0.51	0:27:45	291.66	0.00	0.34	0:34:45	21.86	0.00	0.31
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