

Large File Processing - Read/Write - 256KiB

Test Run Sequence - Ramp-Up Interval

TR16				TR17				TR18				TR19				TR20			
Test Run Sequence Time	64 Streams			Test Run Sequence Time	32 Streams			Test Run Sequence Time	16 Streams			Test Run Sequence Time	8 Streams			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	703.91	63.99	2.09	0:07:00	316.25	79.06	2.39	0:14:00	117.18	39.06	4.18	0:21:00	92.06	46.03	4.27	0:28:00	339.00	339.00	0.77
0:00:05	1,230.35	72.37	3.05	0:07:05	681.78	136.36	1.90	0:14:05	488.53	97.71	2.50	0:21:05	126.25	63.12	4.15	0:28:05	357.41	357.41	0.73
0:00:10	1,744.94	69.80	3.07	0:07:10	855.59	95.07	2.02	0:14:10	634.86	90.69	2.56	0:21:10	144.81	48.27	4.32	0:28:10	361.60	361.60	0.73
0:00:15	2,315.31	79.84	3.07	0:07:15	1,083.65	108.37	2.35	0:14:15	790.89	98.86	2.54	0:21:15	225.92	56.48	4.08	0:28:15	362.13	362.13	0.72
0:00:20	2,459.07	74.52	3.25	0:07:20	1,149.87	95.82	2.39	0:14:20	896.74	99.64	2.44	0:21:20	254.75	63.69	4.11	0:28:20	346.97	346.97	0.76
0:00:25	2,892.03	76.11	3.26	0:07:25	1,507.28	107.66	2.22	0:14:25	934.33	93.43	2.71	0:21:25	293.86	58.77	4.19	0:28:25	360.19	360.19	0.73
0:00:30	3,248.80	81.22	3.16	0:07:30	1,903.43	111.97	2.19	0:14:30	921.23	92.12	2.85	0:21:30	318.35	63.67	4.12	0:28:30	357.35	357.35	0.73
0:00:35	3,367.29	80.17	3.15	0:07:35	2,179.99	109.00	2.33	0:14:35	1,066.30	96.94	2.63	0:21:35	318.09	53.01	4.18	0:28:35	341.84	341.84	0.77
0:00:40	3,476.03	72.42	3.32	0:07:40	2,229.38	111.47	2.35	0:14:40	1,199.36	92.26	2.53	0:21:40	369.68	61.61	4.26	0:28:40	347.92	347.92	0.75
0:00:45	3,669.39	70.57	3.52	0:07:45	2,312.69	105.12	2.30	0:14:45	1,303.59	93.11	2.81	0:21:45	376.60	62.77	4.18	0:28:45	347.50	347.50	0.75
0:00:50	4,183.40	73.39	3.48	0:07:50	2,673.71	116.25	2.22	0:14:50	1,321.47	94.39	2.78	0:21:50	418.91	59.84	4.15	0:28:50	345.82	345.82	0.76
0:00:55	4,298.74	74.12	3.51	0:07:55	2,785.12	111.40	2.29	0:14:55	1,315.02	93.93	2.78	0:21:55	435.42	62.20	4.21	0:28:55	346.40	346.40	0.76
0:01:00	4,336.60	72.28	3.57	0:08:00	2,870.11	110.39	2.36	0:15:00	1,313.03	93.79	2.80	0:22:00	438.78	62.68	4.19	0:29:00	346.76	346.76	0.76
0:01:05	4,374.40	71.71	3.64	0:08:05	2,883.01	110.88	2.37	0:15:05	1,435.40	89.71	2.78	0:22:05	491.94	61.49	4.26	0:29:05	341.00	341.00	0.77
0:01:10	4,426.09	69.16	3.71	0:08:10	2,963.80	105.85	2.38	0:15:10	1,596.30	99.77	2.63	0:22:10	488.48	61.06	4.29	0:29:10	343.46	343.46	0.76
0:01:15	4,462.27	69.72	3.76	0:08:15	3,138.39	108.22	2.36	0:15:15	1,586.50	99.16	2.64	0:22:15	486.85	60.86	4.30	0:29:15	347.60	347.60	0.75
0:01:20	4,449.74	69.53	3.77	0:08:20	3,429.37	107.17	2.36	0:15:20	1,572.23	98.26	2.67	0:22:20	491.68	61.46	4.27	0:29:20	346.13	346.13	0.76
0:01:25	4,448.90	69.51	3.77	0:08:25	3,489.87	109.06	2.40	0:15:25	1,596.67	99.79	2.63	0:22:25	503.26	62.91	4.17	0:29:25	345.35	345.35	0.76
0:01:30	4,479.36	69.99	3.74	0:08:30	3,523.90	110.12	2.38	0:15:30	1,587.07	99.19	2.64	0:22:30	503.11	62.89	4.17	0:29:30	347.87	347.87	0.75
0:01:35	4,454.67	69.60	3.77	0:08:35	3,530.56	110.33	2.38	0:15:35	1,569.04	98.06	2.67	0:22:35	501.38	62.67	4.18	0:29:35	345.56	345.56	0.76
0:01:40	4,456.76	69.64	3.77	0:08:40	3,549.59	110.92	2.36	0:15:40	1,575.85	98.49	2.66	0:22:40	512.02	64.00	4.10	0:29:40	346.97	346.97	0.76
0:01:45	4,466.67	69.79	3.76	0:08:45	3,525.42	110.17	2.38	0:15:45	1,602.01	100.13	2.62	0:22:45	504.26	63.03	4.16	0:29:45	346.08	346.08	0.76
0:01:50	4,439.41	69.37	3.78	0:08:50	3,563.64	111.36	2.35	0:15:50	1,575.49	98.47	2.66	0:22:50	494.93	61.87	4.23	0:29:50	347.18	347.18	0.75
0:01:55	4,449.95	69.53	3.76	0:08:55	3,539.94	110.62	2.37	0:15:55	1,588.96	99.31	2.64	0:22:55	494.19	61.77	4.24	0:29:55	340.21	340.21	0.77
0:02:00	4,452.52	69.57	3.77	0:09:00	3,530.82	110.34	2.38	0:16:00	1,544.13	96.51	2.72	0:23:00	499.54	62.44	4.20	0:30:00	347.18	347.18	0.75
0:02:05	4,448.32	69.51	3.77	0:09:05	3,514.88	109.84	2.39	0:16:05	1,543.66	96.48	2.72	0:23:05	488.58	61.07	4.30	0:30:05	346.66	346.66	0.76
0:02:10	4,454.25	69.60	3.77	0:09:10	3,498.42	109.33	2.40	0:16:10	1,569.51	98.09	2.67	0:23:10	498.13	62.27	4.21	0:30:10	347.34	347.34	0.75
0:02:15	4,449.58	69.52	3.77	0:09:15	3,544.76	110.77	2.36	0:16:15	1,531.29	95.71	2.74	0:23:15	497.55	62.19	4.21	0:30:15	345.72	345.72	0.76
0:02:20	4,469.35	69.83	3.76	0:09:20	3,552.73	111.02	2.36	0:16:20	1,609.93	100.62	2.61	0:23:20	507.93	63.49	4.13	0:30:20	346.87	346.87	0.76
0:02:25	4,477.94	69.97	3.75	0:09:25	3,552.37	111.01	2.36	0:16:25	1,577.32	98.58	2.66	0:23:25	512.96	64.12	4.09	0:30:25	347.97	347.97	0.75
0:02:30	4,463.95	69.75	3.76	0:09:30	3,517.29	109.92	2.39	0:16:30	1,573.55	98.35	2.67	0:23:30	497.55	62.19	4.22	0:30:30	346.50	346.50	0.76
0:02:35	4,431.54	69.24	3.78	0:09:35	3,557.24	111.16	2.35	0:16:35	1,600.28	100.02	2.62	0:23:35	509.19	63.65	4.11	0:30:35	346.13	346.13	0.76
0:02:40	4,422.79	69.11	3.79	0:09:40	3,549.53	110.92	2.36	0:16:40	1,604.32	100.27	2.61	0:23:40	494.82	61.85	4.24	0:30:40	342.31	342.31	0.77
0:02:45	4,451.57	69.56	3.77	0:09:45	3,539.42	110.61	2.37	0:16:45	1,578.16	98.63	2.66	0:23:45	505.36	63.17	4.15	0:30:45	346.03	346.03	0.76
0:02:50	4,435.63	69.31	3.78	0:09:50	3,530.97	110.34	2.38	0:16:50	1,606.89	100.43	2.61	0:23:50	497.71	62.21	4.22	0:30:50	359.35	359.35	0.73
0:02:55	4,452.73	69.57	3.76	0:09:55	3,500.51	109.39	2.39	0:16:55	1,605.21	100.33	2.61	0:23:55	495.66	61.96	4.23	0:30:55	344.14	344.14	0.76

Large File Processing - Read/Write - 256KiB

Test Run Sequence = Measurement Interval

TR16				TR17				TR18				TR19				TR20			
Test Run Sequence Time	64 Streams			Test Run Sequence Time	32 Streams			Test Run Sequence Time	16 Streams			Test Run Sequence Time	8 Streams			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
0:03:00	4,461.11	69.70	3.76	0:10:00	3,537.90	110.56	2.37	0:17:00	1,601.33	100.08	2.62	0:24:00	496.92	62.12	4.22	0:31:00	347.66	347.66	0.75
0:03:05	4,474.69	69.92	3.75	0:10:05	3,543.56	110.74	2.37	0:17:05	1,538.47	96.15	2.73	0:24:05	509.61	63.70	4.11	0:31:05	346.87	346.87	0.76
0:03:10	4,442.13	69.41	3.78	0:10:10	3,530.66	110.33	2.38	0:17:10	1,647.16	102.95	2.55	0:24:10	490.10	61.26	4.26	0:31:10	348.07	348.07	0.75
0:03:15	4,459.80	69.68	3.76	0:10:15	3,511.31	109.73	2.38	0:17:15	1,548.27	96.77	2.70	0:24:15	494.51	61.81	4.26	0:31:15	343.09	343.09	0.76
0:03:20	4,452.67	69.57	3.77	0:10:20	3,554.31	111.07	2.36	0:17:20	1,573.39	98.34	2.67	0:24:20	502.37	62.80	4.17	0:31:20	347.39	347.39	0.75
0:03:25	4,432.23	69.25	3.79	0:10:25	3,538.94	110.59	2.37	0:17:25	1,547.96	96.75	2.71	0:24:25	493.36	61.67	4.25	0:31:25	346.92	346.92	0.76
0:03:30	4,460.96	69.70	3.76	0:10:30	3,553.20	111.04	2.36	0:17:30	1,572.18	98.26	2.67	0:24:30	508.56	63.57	4.13	0:31:30	348.39	348.39	0.75
0:03:35	4,453.72	69.59	3.76	0:10:35	3,496.37	109.26	2.40	0:17:35	1,589.59	99.35	2.64	0:24:35	500.80	62.60	4.18	0:31:35	346.76	346.76	0.75
0:03:40	4,461.01	69.70	3.76	0:10:40	3,540.88	110.65	2.37	0:17:40	1,587.70	99.23	2.64	0:24:40	494.51	61.81	4.24	0:31:40	345.30	345.30	0.76
0:03:45	4,465.94	69.78	3.76	0:10:45	3,539.57	110.61	2.37	0:17:45	1,577.95	98.62	2.66	0:24:45	493.56	61.70	4.25	0:31:45	347.50	347.50	0.75
0:03:50	4,452.41	69.57	3.77	0:10:50	3,538.37	110.57	2.37	0:17:50	1,559.81	97.49	2.69	0:24:50	503.95	62.99	4.16	0:31:50	347.45	347.45	0.75
0:03:55	4,449.21	69.52	3.77	0:10:55	3,556.25	111.13	2.36	0:17:55	1,582.41	98.90	2.65	0:24:55	500.28	62.53	4.19	0:31:55	345.77	345.77	0.76
0:04:00	4,447.74	69.50	3.77	0:11:00	3,545.39	110.79	2.37	0:18:00	1,588.33	99.27	2.64	0:25:00	493.88	61.73	4.25	0:32:00	345.40	345.40	0.76
0:04:05	4,460.59	69.70	3.76	0:11:05	3,562.90	111.34	2.35	0:18:05	1,586.65	99.17	2.64	0:25:05	505.47	63.18	4.15	0:32:05	345.51	345.51	0.76
0:04:10	4,455.03	69.61	3.77	0:11:10	3,551.32	110.98	2.37	0:18:10	1,532.49	95.78	2.74	0:25:10	514.59	64.32	4.08	0:32:10	346.71	346.71	0.76
0:04:15	4,430.23	69.22	3.78	0:11:15	3,517.13	109.91	2.38	0:18:15	1,590.38	99.40	2.63	0:25:15	501.01	62.63	4.18	0:32:15	348.18	348.18	0.75
0:04:20	4,465.47	69.77	3.76	0:11:20	3,510.68	109.71	2.39	0:18:20	1,585.87	99.12	2.65	0:25:20	504.57	63.07	4.16	0:32:20	346.76	346.76	0.76
0:04:25	4,468.56	69.82	3.76	0:11:25	3,529.72	110.30	2.38	0:18:25	1,581.41	98.84	2.65	0:25:25	496.24	62.03	4.23	0:32:25	360.08	360.08	0.73
0:04:30	4,440.04	69.38	3.77	0:11:30	3,524.00	110.13	2.38	0:18:30	1,571.03	98.19	2.67	0:25:30	497.18	62.15	4.22	0:32:30	347.24	347.24	0.75
0:04:35	4,447.22	69.49	3.77	0:11:35	3,528.35	110.26	2.37	0:18:35	1,640.08	102.50	2.55	0:25:35	506.99	63.37	4.13	0:32:35	346.34	346.34	0.76
0:04:40	4,444.86	69.45	3.78	0:11:40	3,563.90	111.37	2.35	0:18:40	1,598.61	99.91	2.62	0:25:40	507.56	63.45	4.13	0:32:40	344.46	344.46	0.76
0:04:45	4,465.36	69.77	3.76	0:11:45	3,540.20	110.63	2.37	0:18:45	1,553.88	97.12	2.70	0:25:45	445.64	55.71	4.71	0:32:45	346.55	346.55	0.76
0:04:50	4,462.90	69.73	3.76	0:11:50	3,569.93	111.56	2.35	0:18:50	1,628.70	101.79	2.58	0:25:50	504.63	63.08	4.15	0:32:50	348.86	348.86	0.75
0:04:55	4,453.20	69.58	3.76	0:11:55	3,502.19	109.44	2.39	0:18:55	1,539.47	96.22	2.72	0:25:55	505.41	63.18	4.15	0:32:55	347.03	347.03	0.75
0:05:00	4,468.93	69.83	3.76	0:12:00	3,526.68	110.21	2.38	0:19:00	1,591.42	99.46	2.64	0:26:00	497.86	62.23	4.22	0:33:00	347.03	347.03	0.76
0:05:05	4,461.53	69.71	3.76	0:12:05	3,497.37	109.29	2.40	0:19:05	1,587.12	99.20	2.64	0:26:05	501.64	62.70	4.18	0:33:05	339.63	339.63	0.77
0:05:10	4,444.55	69.45	3.78	0:12:10	3,545.18	110.79	2.37	0:19:10	1,603.74	100.23	2.62	0:26:10	496.19	62.02	4.23	0:33:10	347.08	347.08	0.76
0:05:15	4,446.75	69.48	3.77	0:12:15	3,535.27	110.48	2.37	0:19:15	1,588.38	99.27	2.64	0:26:15	499.75	62.47	4.19	0:33:15	349.44	349.44	0.75
0:05:20	4,448.74	69.51	3.77	0:12:20	3,577.85	111.81	2.34	0:19:20	1,574.91	98.43	2.66	0:26:20	508.66	63.58	4.12	0:33:20	345.24	345.24	0.76
0:05:25	4,443.18	69.42	3.78	0:12:25	3,551.89	111.00	2.36	0:19:25	1,543.87	96.49	2.72	0:26:25	500.38	62.55	4.19	0:33:25	338.95	338.95	0.77
0:05:30	4,448.48	69.51	3.77	0:12:30	3,555.30	111.10	2.36	0:19:30	1,540.25	96.27	2.73	0:26:30	500.54	62.57	4.19	0:33:30	346.55	346.55	0.76
0:05:35	4,447.69	69.50	3.77	0:12:35	3,545.45	110.80	2.36	0:19:35	1,597.35	99.83	2.62	0:26:35	499.70	62.46	4.19	0:33:35	345.98	345.98	0.76
0:05:40	4,450.00	69.53	3.77	0:12:40	3,519.60	109.99	2.38	0:19:40	1,583.24	98.95	2.65	0:26:40	500.01	62.50	4.20	0:33:40	347.66	347.66	0.75
0:05:45	4,455.14	69.61	3.77	0:12:45	3,540.94	110.65	2.37	0:19:45	1,516.82	94.80	2.77	0:26:45	494.14	61.77	4.25	0:33:45	344.56	344.56	0.76
0:05:50	4,467.93	69.81	3.76	0:12:50	3,524.53	110.14	2.38	0:19:50	1,585.03	99.06	2.65	0:26:50	494.61	61.83	4.24	0:33:50	345.66	345.66	0.76
0:05:55	4,457.76	69.65	3.76	0:12:55	3,505.65	109.55	2.39	0:19:55	1,629.85	101.87	2.57	0:26:55	497.03	62.13	4.21	0:33:55	346.24	346.24	0.76
0:06:00	4,466.04	69.78	3.76	0:13:00	3,520.80	110.03	2.38	0:20:00	1,614.23	100.89	2.60	0:27:00	498.39	62.30	4.21	0:34:00	344.93	344.93	0.76

Large File Processing - Read/Write - 256KiB

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

TR16				TR17				TR18				TR19				TR20			
64 Streams				32 Streams				16 Streams				8 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	4,434.01	69.28	3.79	0:13:05	3,522.48	110.08	2.38	0:20:05	1,595.88	99.74	2.63	0:27:05	493.67	61.71	4.25	0:34:05	346.13	346.13	0.76
0:06:10	4,477.42	69.96	3.75	0:13:10	3,534.17	110.44	2.37	0:20:10	1,582.25	98.89	2.65	0:27:10	495.82	61.98	4.23	0:34:10	349.23	349.23	0.75
0:06:15	4,438.73	69.36	3.77	0:13:15	3,533.44	110.42	2.37	0:20:15	1,570.87	98.18	2.67	0:27:15	501.69	62.71	4.17	0:34:15	345.72	345.72	0.76
0:06:20	4,436.05	69.31	3.78	0:13:20	3,544.82	110.78	2.37	0:20:20	1,515.24	94.70	2.77	0:27:20	497.44	62.18	4.22	0:34:20	348.97	348.97	0.75
0:06:25	4,452.31	69.57	3.77	0:13:25	3,533.86	110.43	2.37	0:20:25	1,500.15	93.76	2.80	0:27:25	493.04	61.63	4.25	0:34:25	352.69	352.69	0.74
0:06:30	4,451.31	69.55	3.77	0:13:30	3,516.45	109.89	2.39	0:20:30	1,632.21	102.01	2.57	0:27:30	496.92	62.12	4.23	0:34:30	359.56	359.56	0.73
0:06:35	4,482.09	70.03	3.74	0:13:35	3,493.80	109.18	2.40	0:20:35	1,595.67	99.73	2.63	0:27:35	490.94	61.37	4.26	0:34:35	355.83	355.83	0.73
0:06:40	4,478.68	69.98	3.75	0:13:40	3,555.35	111.10	2.36	0:20:40	1,596.25	99.77	2.63	0:27:40	491.89	61.49	4.26	0:34:40	373.50	373.50	0.70
0:06:45	36.12	0.00	3.74	0:13:45	28.42	0.00	2.32	0:20:45	13.32	0.00	2.64	0:27:45	4.19	0.00	4.37	0:34:45	2.67	0.00	0.70
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