M	N	K	# Ops	Time taken		GFLOPS	
				No Transpose	Transpose	No Transpose	Transpose
16	16	16	8192	25.024	4.032	0.3273657289	2.031746032
16	16	256	131072	106.08	24.513	1.235595777	5.347040346
16	16	1024	524288	383.94	90.081	1.3655467	5.820184057
16	16	2048	1048576	754.47	177.4	1.389818018	5.910800451
256	256	16	2097152	94.4	66.305	22.21559322	31.6288666
256	256	256	33554432	420.07	819.85	79.87819173	40.92752577
1024	1024	16	33554432	2772.1	2828.2	12.10433678	11.86423591
256	256	1024	134217728	1536.1	3221.9	87.37564481	41.65794345
2048	2048	16	134217728	13400	13270	10.01624836	10.11437287
256	256	2048	268435456	3026.6	6443.2	88.6920822	41.6618227
1024	1024	256	536870912	5679	12945	94.53617045	41.47322611
1024	1024	1024	2147483648	22074	52941	97.28565951	40.56371523
2048	2048	256	2147483648	22986	53376	93.42572209	40.23313189
4095	4097	125	4194303750	54694	102700	76.68672523	40.8403481
1024	1024	2048	4294967296	44584	102900	96.33427454	41.73923514
2048	2048	1024	8589934592	86804	195840	98.95781982	43.86200261
2048	2048	2048	17179869184	166840	377810	102.9721241	45.4722458

Ref: https://stackoverflow.com/questions/6873037/how-to-measure-the-gflops-of-a-matrix-multiplication-kernel

M	N	K	No Transpose				Transpose			
			DRAM read	DRAM write	Shared memory Read	Shared Memory Write	DRAM read	DRAM write	Shared memory Read	Shared Memory Write
2047	2049	125	25.149	8.63	1.2	1	15.99	6.99	3	1
2048	2048	128	25.6	8	1.2	1	15.5	4	3	1

GFLOPS/No Transpose and GFLOPS/Transpose