

week-2

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1 Introduce

This weeks'work is as follow: Experimental section: Tflops with batch size of 512 were measured and the following figure was modified.

Thesis section: Completed the writing of experimental results and GPU optimization, as well as the implementation of high-performance im2win algorithm on GPU.

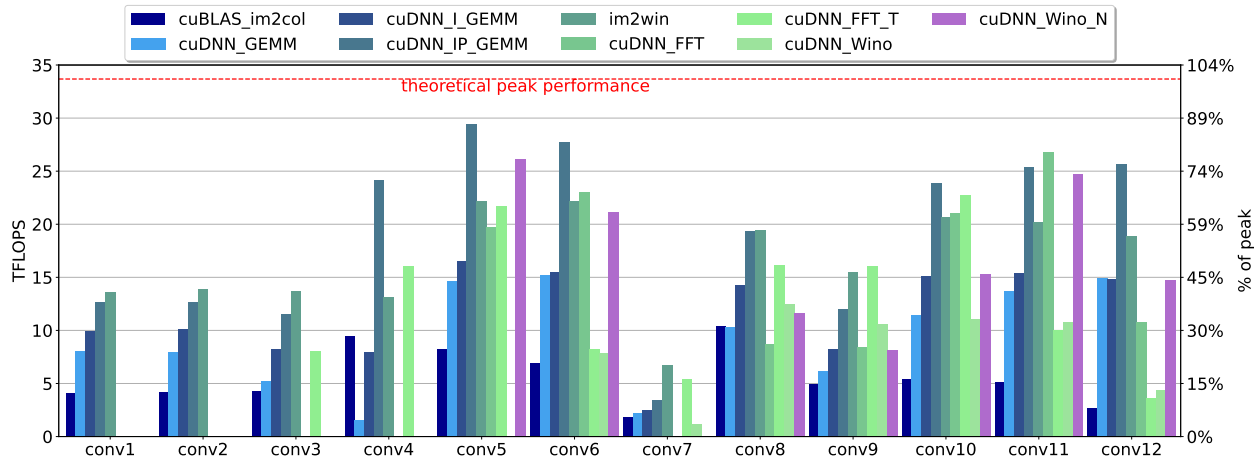


图 1: batch 256

2 summary

From the graph of batches 256 to 512, it can be seen that except for conv7 and conv8, the tflops of other layers have improved. However, at batch 256, im2win has 6 layers that are the best TFLOPS, while at batch 512, only 5 layers are the best TFLOPS

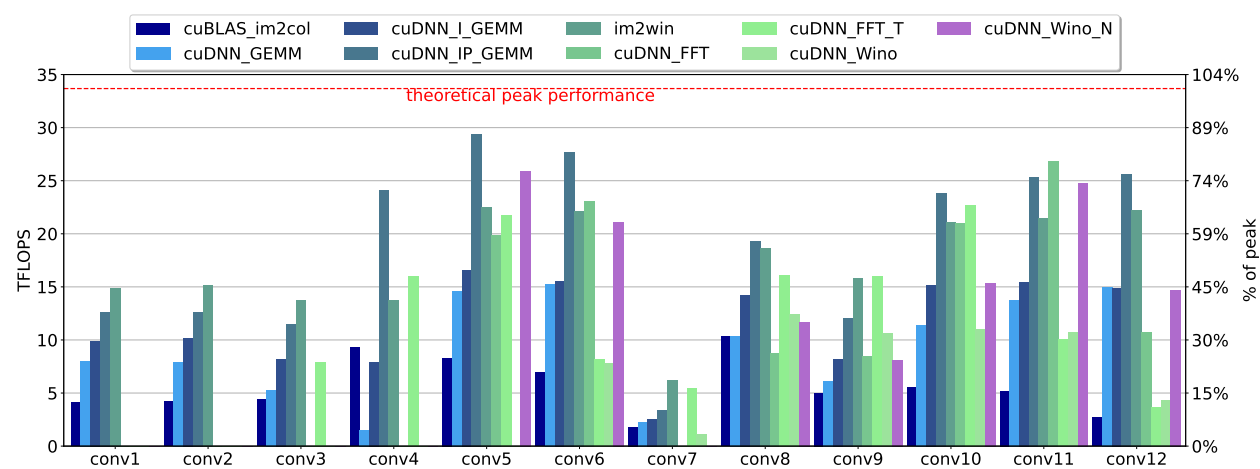


图 2: batch 512