

GPU	Software	VGG16	ResNet152
AMD	Ours (on Firefox)	4.0 (32)	1.4 (32)
	Ours (on node.js)	5.7 (32)	6.5 (32)
	Caffe (AMD)	7.7 (32)	N/A
	Caffe (BVLG OpenCL)	5.3 (32)	1.6 (32)
NVIDIA	Ours (on Firefox)	2.7 (16)	0.2 (8)
	Ours (on node.js)	4.9 (16)	2.7 (8)
	Caffe (BVLG OpenCL)	3.2 (16)	1.5 (8)
	Caffe (CUDA) w/o cuDNN	11.9 (16)	8.5 (8)
	Caffe (CUDA) with cuDNN	14.4 (16)	9.4 (8)