Layer	Input size		Layer				Output size			memory (KB)	params (k)	flop (M)
	C	H / W	filters	kernel	stride	pad	C	H / W				
conv1	3	227	64	11	4	2	64	56		784	23	73
pool1	64	56		3	2	0	64	27		182	0	0
conv2	64	27	192	5	1	2	192	27		547	307	224
pool2	192	27		3	2	0	192	13		127	0	0
conv3	192	13	384	3	1	1	384	13		254	664	112
conv4	384	13	256	3	1	1	256	13		169	885	145
conv5	256	13	256	3	1	1	256	13		169	590	100
pool5	256	13		3	2	0	256	6		36	0	0
flatten	256	6					9216			36	0	0
fc6	9216		4096				4096			16	37,749	38
fc7	4096		4096				4096			16	16,777	17
fc8	4096		1000				1000			4	4,096	4