

Layer	Depth	Type	Name	Parameters	Top shape
23	8	Soft Max	prob		C
22	8	FC	ip8		C
21	7	Dropout	drop7	$ratio = 0,5$	4096
20	7	ReLU	relu7		4096
19	7	FC	ip7	$b = 1$	4096
18	6	Dropout	drop6	$ratio = 0,5$	4096
17	6	ReLU	relu6		4096
16	6	FC	ip6	$b = 1$	4096
15	5	Max pooling	pool5	$k = 3 \times 3, s = 2$	6x6x256
14	5	ReLU	relu5		13x13x256
13	5	Convolution	conv5	$k = 3 \times 3, nb = 256, pad = 1, b = 1$	13x13x256
12	4	ReLU	relu4		13x13x384
11	4	Convolution	conv4	$k = 3 \times 3, nb = 384, pad = 1, b = 1$	13x13x384
10	3	ReLU	relu3		13x13x384
9	3	Convolution	conv3	$k = 3 \times 3, nb = 384, pad = 1, b = 0$	13x13x384
8	2	LRN	norm2	$k = 5 \times 5, \alpha = 10^{-4}, \beta = 0,75$	13x13x256
7	2	Max pooling	pool2	$k = 3 \times 3, s = 2$	13x13x256
6	2	ReLU	relu2		27x27x256
5	2	Convolution	conv2	$k = 5 \times 5, nb = 256, pad = 2, b = 1$	27x27x256
4	1	LRN	norm1	$k = 5 \times 5, \alpha = 10^{-4}, \beta = 0,75$	27x27x96
3	1	Max pooling	pool1	$k = 3 \times 3, s = 2$	27x27x96
2	1	ReLU	relu1		55x55x96
1	1	Convolution	conv1	$k = 11 \times 11, nb = 96, s = 4, b = 0$	55x55x96
0	0	Data	data		227x227x3