

Layer	Kernel	Stride	Out HxWxC
input	-	-	1 x 1 x 100
fc	-	-	1 x 1 x 16384
reshape	-	-	4 x 4 x 1024
conv	3x3	1	4 x 4 x 512
conv	3x3	1	4 x 4 x 512
nn resize	-	-	8 x 8 x 512
conv	3x3	1	8 x 8 x 256
conv	3x3	1	8 x 8 x 256
nn resize	-	-	16 x 16 x 256
conv	3x3	1	16 x 16 x 128
conv	3x3	1	16 x 16 x 128
nn resize	-	-	32 x 32 x 128
conv	3x3	1	32 x 32 x 64
conv	3x3	1	32 x 32 x 64
nn resize	-	-	64 x 64 x 64
conv	3x3	1	64 x 64 x 32
conv	3x3	1	64 x 64 x 32
nn resize	-	-	128 x 128 x 32
conv	3x3	1	128 x 128 x 32
nn resize	-	-	256 x 256 x 32
conv	3x3	1	256 x 256 x 32
conv	3x3	1	256 x 256 x 3
avg pool	3x3	2	128 x 128 x 3