ModelNet, Kinect

(4)	(8)	(16)	(32)	(32)	(64)	(64)	(128)	(128)	(128)	10	(128)	(128)	(128)	(64)	(64)	(32)	(32)	(16)	(8)	(4)

64^3 32^3 16^3 8^3 4^3 2^3 10 2^3 4^3 8^3 16^3 32^3 64^3

conv+pool | conv | conv+pool | conv | conv+pool | conv | conv+pool | conv | conv+pool | reshape | fc / fc | z | fc | reshape | nnup+conv | conv | nnup+conv | conv | nnup+conv | conv | nnup+conv | conv | nnup+conv

$48 \times 108 \times 24$ $24 \times 54 \times 24$ $12 \times 18 \times 12$ $6 \times 6 \times 6$ $2 \times 2 \times 2$ 10 $2 \times 2 \times 2$ $6 \times 6 \times 6$ $12 \times 18 \times 12$ $24 \times 54 \times 24$ $48 \times 108 \times 24$

| (4) | (8) | (16) | (32) | (64) | (64) | (128) | (128) | (128) | 10 | (128) | (128) | (128) | (64) | (64) | (32) | (16) | (8) | (4) |

ShapeNet, KITTI