

Layer (type)	Output Shape	Param N_o
$dense_1(Dense)$	$(None, 512)$	1179648
$dense_2(Dense)$	$(None, 2048)$	1050624
$dense_3(Dense)$	$(None, 512)$	1049088
$dense_4(Dense)$	$(None, 16)$	8208
$dense_5(Dense)$	$(None, 1)$	17

Total params: 3,287,585

Trainable params: 3,287,585

Non-trainable params: 0