FullyConnected
1000
640
enet0_flatten0
640x1x1
Pooling
avg, 7x7/7x7
640x7x7
Activation
relu
640x7x7
net0_batchnorm4_fwd
640x7x7
enet0_stage4_concat5
64x7x7
QConvolution
3x3/1x1, 64
576x7x7
576x7x7
QActivation
576x7x7
densenet0_stage4_batchnorm5_fwd
576x7x7
nsenet0_stage4_concat4
64x7x7
QConvolution
3x3/1x1, 64
512x7x7
512x7x7
QActivation
512x7x7
densenet0_stage4_batchnorm4_fwd
512x7x7
densenet0_stage4_concat3
64x7x7
QConvolution
3x3/1x1, 64
448x7x7
448x7x7
QActivation
448x7x7
densenet0_stage4_batchnorm3_fwd
448x7x7
densenet0_stage4_concat2
64x7x7
QConvolution
3x3/1x1, 64
384x7x7
384x7x7
QActivation
384x7x7
densenet0_stage4_batchnorm2_fwd
384x7x7
densenet0_stage4_concat1
64x7x7
QConvolution
3x3/1x1, 64
320x7x7
320x7x7
QActivation
320x7x7
densenet0_stage4_batchnorm1_fwd
320x7x7
densenet0_stage4_concat0
64x7x7
QConvolution
3x3/1x1, 64
256x7x7
256x7x7
QActivation
256x7x7
densenet0_stage4_batchnorm0_fwd
256x7x7
Convolution
1x1/1x1, 256
960x7x7
Activation
relu
960x7x7
Pooling
max, 2x2/2x2
960x14x14
densenet0_batchnorm3_fwd
960x14x14
densenet0_stage3_concat11
64x14x14
QConvolution
3x3/1x1, 64
896x14x14
896x14x14
QActivation
896x14x14
densenet0_stage3_batchnorm11_fwd
896x14x14
densenet0_stage3_concat10
64x14x14
QConvolution
3x3/1x1, 64
832x14x14
832x14x14
QActivation
832x14x14
densenet0_stage3_batchnorm10_fwd
832x14x14
densenet0_stage3_concat9
64x14x14
QConvolution
3x3/1x1, 64
768x14x14
768x14x14
QActivation
768x14x14
densenet0_stage3_batchnorm9_fwd
768x14x14
densenet0_stage3_concat8
64x14x14
QConvolution
3x3/1x1, 64
704x14x14
704x14x14
QActivation
704x14x14
densenet0_stage3_batchnorm8_fwd
704x14x14
densenet0_stage3_concat7
64x14x14
QConvolution
3x3/1x1, 64
640x14x14
640x14x14
QActivation
640x14x14
densenet0_stage3_batchnorm7_fwd
640x14x14
densenet0_stage3_concat6
64x14x14
QConvolution
3x3/1x1, 64
576x14x14
576x14x14
QActivation
576x14x14
densenet0_stage3_batchnorm6_fwd
576x14x14
densenet0_stage3_concat5
64x14x14
QConvolution
3x3/1x1, 64
512x14x14
512x14x14
QActivation
512x14x14
densenet0_stage3_batchnorm5_fwd
512x14x14
densenet0_stage3_concat4
64x14x14
QConvolution
3x3/1x1, 64
448x14x14
448x14x14
QActivation
448x14x14
densenet0_stage3_batchnorm4_fwd
448x14x14
densenet0_stage3_concat3
64x14x14
QConvolution
3x3/1x1, 64
384x14x14
384x14x14
QActivation
384x14x14
densenet0_stage3_batchnorm3_fwd
384x14x14
densenet0_stage3_concat2
64x14x14
QConvolution
3x3/1x1, 64
320x14x14
320x14x14
QActivation
320x14x14
densenet0_stage3_batchnorm2_fwd
320x14x14
densenet0_stage3_concat1
64x14x14
QConvolution
3x3/1x1, 64
256x14x14
256x14x14
QActivation
256x14x14
densenet0_stage3_batchnorm1_fwd
256x14x14
densenet0_stage3_concat0
64x14x14
QConvolution
3x3/1x1, 64
192x14x14
192x14x14
QActivation
192x14x14
densenet0_stage3_batchnorm0_fwd
192x14x14
Convolution
1x1/1x1, 192
640x14x14
Activation
relu
640x14x14
Pooling
max, 2x2/2x2
640x28x28
densenet0_batchnorm2_fwd
640x28x28
densenet0_stage2_concat7
64x28x28
QConvolution
3x3/1x1, 64
576x28x28
576x28x28
QActivation
576x28x28
densenet0_stage2_batchnorm7_fwd
576x28x28
densenet0_stage2_concat6
64x28x28
QConvolution
3x3/1x1, 64
512x28x28
512x28x28
QActivation
512x28x28
densenet0_stage2_batchnorm6_fwd
512x28x28
densenet0_stage2_concat5
64x28x28
QConvolution
3x3/1x1, 64
448x28x28
448x28x28
QActivation
448x28x28
densenet0_stage2_batchnorm5_fwd
448x28x28
densenet0_stage2_concat4
64x28x28
QConvolution
3x3/1x1, 64
384x28x28
384x28x28
QActivation
384x28x28
densenet0_stage2_batchnorm4_fwd
384x28x28
densenet0_stage2_concat3
64x28x28
QConvolution
3x3/1x1, 64
320x28x28
320x28x28
QActivation
320x28x28
densenet0_stage2_batchnorm3_fwd
320x28x28
densenet0_stage2_concat2
64x28x28
QConvolution
3x3/1x1, 64
256x28x28
256x28x28
QActivation
256x28x28
densenet0_stage2_batchnorm2_fwd
256x28x28
densenet0_stage2_concat1
64x28x28
QConvolution
3x3/1x1, 64
192x28x28
192x28x28
QActivation
192x28x28
densenet0_stage2_batchnorm1_fwd
192x28x28
densenet0_stage2_concat0
64x28x28
QConvolution
3x3/1x1, 64
128x28x28
128x28x28
QActivation
128x28x28
densenet0_stage2_batchnorm0_fwd
128x28x28
Convolution
1x1/1x1, 128
448x28x28
Activation
relu
448x28x28
Pooling
max, 2x2/2x2
448x56x56
densenet0_batchnorm1_fwd
448x56x56
densenet0_stage1_concat5
64x56x56
QConvolution
3x3/1x1, 64
384x56x56
384x56x56
QActivation
384x56x56
densenet0_stage1_batchnorm5_fwd
384x56x56
densenet0_stage1_concat4
64x56x56
QConvolution
3x3/1x1, 64
320x56x56
320x56x56
QActivation
320x56x56
densenet0_stage1_batchnorm4_fwd
320x56x56
densenet0_stage1_concat3
64x56x56
QConvolution
3x3/1x1, 64
256x56x56
256x56x56
QActivation
256x56x56
densenet0_stage1_batchnorm3_fwd
256x56x56
densenet0_stage1_concat2
64x56x56
QConvolution
3x3/1x1, 64
192x56x56
192x56x56
QActivation
192x56x56
densenet0_stage1_batchnorm2_fwd
192x56x56
densenet0_stage1_concat1
64x56x56
QConvolution
3x3/1x1, 64
128x56x56
128x56x56
QActivation
128x56x56
densenet0_stage1_batchnorm1_fwd
128x56x56
densenet0_stage1_concat0
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
64x56x56
QActivation
64x56x56
densenet0_stage1_batchnorm0_fwd
64x56x56
Pooling
max, 3x3/2x2
64x112x112
Activation
relu
64x112x112
densenet0_batchnorm0_fwd
64x112x112
Convolution
3x3/1x1, 64
(8 groups)
32x112x112
Activation
relu
32x112x112
densenet0_stem_batchnorm1_fwd
32x112x112
Convolution
3x3/1x1, 32
(4 groups)
32x112x112
Activation
relu
32x112x112
densenet0_stem_batchnorm0_fwd
32x112x112
Convolution
3x3/2x2, 32
3x224x224
data