Input [forward_compute_time=474.637,backward_compute_time=0.000,activation_size=154140672.0,parameter_size=0.0]
Conv2d(3, 96, kernel_size=(7, 7), stride=(2, 2)) [forward_compute_time=28.489, backward_compute_time=22.605, activation_size=1167949824.0, parameter_size=56832.0]
ReLU(inplace) [forward_compute_time=3.399,backward_compute_time=4.066,activation_size=1167949824.0,parameter_size=0.0]
MaxPool2d(kernel_size=3, stride=2, padding=0, dilation=1, ceil_mode=True) [forward_compute_time=3.183,backward_compute_time=6.527,activation_size=286654464.0,parameter_size=0.0]
Conv2d(96, 16, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=1.829,backward_compute_time=5.238,activation_size=47775744.0,parameter_size=6208.0]
ReLU(inplace)
[forward_compute_time=0.594,backward_compute_time=0.340,activation_size=47775744.0,parameter_size=0.0]
Conv2d(16, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1)) [forward_compute_time=2.436,backward_compute_time=6.521,activation_size=191102976.0,parameter_size=37120.0] Conv2d(16, 64, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=2.374,backward_compute_time=3.550,activation_size=191102976.0,parameter_size=4352.0]
ReLU(inplace) [forward_compute_time=1.144,backward_compute_time=0.677,activation_size=191102976.0,parameter_size=0.0] ReLU(inplace) [forward_compute_time=0.722,backward_compute_time=0.691,activation_size=191102976.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=382205952.0,parameter_size=0.0]
Conv2d(128, 16, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=2.271,backward_compute_time=5.579,activation_size=47775744.0,parameter_size=8256.0]
ReLU(inplace) [forward_compute_time=0.537,backward_compute_time=0.310,activation_size=47775744.0,parameter_size=0.0]
Conv2d(16, 64, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=1.256,backward_compute_time=3.804,activation_size=191102976.0,parameter_size=4352.0] Conv2d(16, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1)) [forward_compute_time=1.256,backward_compute_time=7.042,activation_size=191102976.0,parameter_size=37120.0]
ReLU(inplace) ReLU(inplace)
[forward_compute_time=0.786,backward_compute_time=0.716,activation_size=191102976.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=382205952.0,parameter_size=0.0]
Conv2d(128, 32, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=2.378,backward_compute_time=5.842,activation_size=95551488.0,parameter_size=16512.0]
ReLU(inplace) [forward_compute_time=0.463,backward_compute_time=0.675,activation_size=95551488.0,parameter_size=0.0]
Conv2d(32, 128, kernel_size=(1, 1), stride=(1, 1)) Conv2d(32, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
Conv2d(32, 128, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=2.557,backward_compute_time=6.645,activation_size=382205952.0,parameter_size=16896.0] [forward_compute_time=2.557,backward_compute_time=6.645,activation_size=382205952.0,parameter_size=147968.0]
ReLU(inplace) [forward_compute_time=1.202,backward_compute_time=1.387,activation_size=382205952.0,parameter_size=0.0] ReLU(inplace) [forward_compute_time=1.204,backward_compute_time=1.388,activation_size=382205952.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=764411904.0,parameter_size=0.0]
MaxPool2d(kernel_size=3, stride=2, padding=0, dilation=1, ceil_mode=True) [forward content time 4.007 by almost time 4.227 estimation size 101102076 0 programme in 0.01
[forward_compute_time=4.097,backward_compute_time=4.337,activation_size=191102976.0,parameter_size=0.0]
Conv2d(256, 32, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=0.911,backward_compute_time=2.532,activation_size=23887872.0,parameter_size=32896.0]
ReLU(inplace) [forward_compute_time=0.506,backward_compute_time=0.160,activation_size=23887872.0,parameter_size=0.0]
Conv2d(32, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1)) [forward_compute_time=1.583,backward_compute_time=3.482,activation_size=95551488.0,parameter_size=147968.0] Conv2d(32, 128, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=0.959,backward_compute_time=1.727,activation_size=95551488.0,parameter_size=16896.0]
ReLU(inplace)
[forward_compute_time=0.471,backward_compute_time=0.365,activation_size=95551488.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=191102976.0,parameter_size=0.0]
Conv2d(256, 48, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=1.405,backward_compute_time=3.923,activation_size=35831808.0,parameter_size=49344.0]
ReLU(inplace) [forward_compute_time=0.317,backward_compute_time=0.252,activation_size=35831808.0,parameter_size=0.0]
Conv2d(48, 192, kernel_size=(1, 1), stride=(1, 1)) Conv2d(48, 192, kernel_size=(3, 3), stride=(1, 1))
[forward_compute_time=1.230,backward_compute_time=1.842,activation_size=143327232.0,parameter_size=37632.0] [forward_compute_time=2.521,backward_compute_time=5.410,activation_size=143327232.0,parameter_size=332544.0]
ReLU(inplace) [forward_compute_time=0.595,backward_compute_time=0.535,activation_size=143327232.0,parameter_size=0.0] ReLU(inplace) [forward_compute_time=0.606,backward_compute_time=0.549,activation_size=143327232.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=286654464.0,parameter_size=0.0]
Conv2d(384, 48, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=1.917,backward_compute_time=3.977,activation_size=35831808.0,parameter_size=73920.0]
ReLU(inplace) [forward_compute_time=0.309,backward_compute_time=0.246,activation_size=35831808.0,parameter_size=0.0]
Conv2d(48, 192, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1)) [forward_compute_time=2.274,backward_compute_time=5.899,activation_size=143327232.0,parameter_size=37632.0] [forward_compute_time=2.051,activation_size=143327232.0,parameter_size=37632.0]
ReLU(inplace) [forward_compute_time=0.590,backward_compute_time=0.532,activation_size=143327232.0,parameter_size=0.0] ReLU(inplace) [forward_compute_time=0.581,backward_compute_time=0.533,activation_size=143327232.0,parameter_size=0.0]
Concat(1)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=286654464.0,parameter_size=0.0]
Conv2d(384, 64, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=1.959,backward_compute_time=4.480,activation_size=47775744.0,parameter_size=98560.0]
ReLU(inplace) [forward_compute_time=0.341,backward_compute_time=0.333,activation_size=47775744.0,parameter_size=0.0]
Conv2d(64, 256, kernel_size=(1, 1), stride=(1, 1)) Conv2d(64, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1)) [forward_compute_time=1.647,backward_compute_time=2.534,activation_size=191102976.0,parameter_size=590848.0]
ReLU(inplace) ReLU(inplace)
[forward_compute_time=0.729,backward_compute_time=0.694,activation_size=191102976.0,parameter_size=0.0] [forward_compute_time=0.754,backward_compute_time=0.690,activation_size=191102976.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=382205952.0,parameter_size=0.0]
MaxPool2d(kernel_size=3, stride=2, padding=0, dilation=1, ceil_mode=True) [forward_compute_time=2.135,backward_compute_time=2.238,activation_size=88604672.0,parameter_size=0.0]
Conv2d(512, 64, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=0.705,backward_compute_time=1.394,activation_size=11075584.0,parameter_size=131328.0]
ReLU(inplace) [forward_compute_time=1.086,backward_compute_time=0.083,activation_size=11075584.0,parameter_size=0.0]
Conv2d(64, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1)) [forward_compute_time=1.312,backward_compute_time=2.221,activation_size=44302336.0,parameter_size=590848.0] [forward_compute_time=0.634,backward_compute_time=0.764,activation_size=44302336.0,parameter_size=66560.0]
ReLU(inplace) [forward_compute_time=0.356,backward_compute_time=0.458,activation_size=44302336.0,parameter_size=0.0] ReLU(inplace) [forward_compute_time=0.344,backward_compute_time=0.184,activation_size=44302336.0,parameter_size=0.0]
Concat(1) [forward compute time=0.000,backward compute time=0.000,activation size=88604672,0.parameter size=0.0]
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0]
Concat(1) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0] Dropout(p=0.5) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0]
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0] Dropout(p=0.5)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0] Dropout(p=0.5) [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0] Conv2d(512, 1000, kernel_size=(1, 1), stride=(1, 1))
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0.parameter_size=0.0] Torward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0.parameter_size=0.0] Comv2d(512, 1000, kernel_size=(1, 1), stride=(1, 1)) [forward_compute_time=5.606,backward_compute_time=10.482,activation_size=173056000.0.parameter_size=2052000.0] ReLU(inplace) [forward_compute_time=0.681,backward_compute_time=0.644,activation_size=1730560000.parameter_size=0.0] AvgPoxd2d(bernel_size=13, stride=1, packting=0)
Forward_compute_time=0.000,backward_compute_time=0.000,activation_size=88604672.0,parameter_size=0.0

View(1000)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=1024000.0,parameter_size=0.0]