```
Input0
                                     [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
                                                       Conv2d(3, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=38.084,backward_compute_time=9.576,activation_size=205520896.0,parameter_size=7168.0]
                                                                           ReLU(inplace=True)
                                [forward compute time=2.678,backward compute time=3.786,activation size=205520896.0,parameter size=0.0]
                                                       Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=23.259,backward_compute_time=60.047,activation_size=205520896.0,parameter_size=147712.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=2.802,backward_compute_time=3.736,activation_size=205520896.0,parameter_size=0.0]
                                                 MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=2.516,backward_compute_time=6.907,activation_size=51380224.0,parameter_size=0.0]
                                                      Conv2d(64, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=9.007,backward_compute_time=24.265,activation_size=102760448.0,parameter_size=295424.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=1.630,backward_compute_time=1.880,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=13.916,backward_compute_time=41.721,activation_size=102760448.0,parameter_size=590336.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=1.706,backward_compute_time=1.884,activation_size=102760448.0,parameter_size=0.0]
                                                 MaxPool2d(kernel size=2, stride=2, padding=0, dilation=1, ceil mode=False)
                                 [forward_compute_time=1.466,backward_compute_time=3.620,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(128, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=6.670,backward_compute_time=15.060,activation_size=51380224.0,parameter_size=1180672.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=1.294,backward_compute_time=1.041,activation_size=51380224.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=10.627,backward_compute_time=19.073,activation_size=51380224.0,parameter_size=2360320.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=1.379,backward_compute_time=0.970,activation_size=51380224.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=10.271,backward_compute_time=27.678,activation_size=51380224.0,parameter_size=2360320.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=1.348,backward_compute_time=1.009,activation_size=51380224.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=1.435,backward_compute_time=1.875,activation_size=12845056.0,parameter_size=0.0]
                                                     Conv2d(256, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=6.373,backward_compute_time=15.974,activation_size=25690112.0,parameter_size=4720640.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.399,backward_compute_time=0.617,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward compute time=11.577,backward compute time=15.796,activation size=25690112.0,parameter size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.504,backward_compute_time=0.615,activation_size=25690112.0,parameter_size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=10.694,backward_compute_time=23.720,activation_size=25690112.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=1.038,backward_compute_time=0.534,activation_size=25690112.0,parameter_size=0.0]
                                                 MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward compute time=1.077,backward compute time=1.122,activation size=6422528.0,parameter size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=3.921,backward_compute_time=6.641,activation_size=6422528.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.155,backward_compute_time=0.268,activation_size=6422528.0,parameter_size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=3.908,backward_compute_time=7.629,activation_size=6422528.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.193,backward_compute_time=0.268,activation_size=6422528.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=6.280,backward_compute_time=8.762,activation_size=6422528.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.154,backward_compute_time=0.205,activation_size=6422528.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=0.220,backward_compute_time=8.105,activation_size=1605632.0,parameter_size=0.0]
                                            Size(0)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=4.0,parameter_size=0.0]
                                                                                 View(-1)
                                 [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=1605632.0,parameter_size=0.0]
                                                          Linear(in_features=25088, out_features=4096, bias=True)
                             [forward_compute_time=7.149,backward_compute_time=12.698,activation_size=262144.0,parameter_size=411058176.0]
                                                                           ReLU(inplace=True)
                                  [forward_compute_time=0.118,backward_compute_time=0.119,activation_size=262144.0,parameter_size=0.0]
                                                                      Dropout(p=0.5, inplace=False)
                                  [forward_compute_time=0.185,backward_compute_time=1.200,activation_size=262144.0,parameter_size=0.0]
                                                           Linear(in_features=4096, out_features=4096, bias=True)
                              [forward compute time=1.897,backward compute time=2.152,activation size=262144.0,parameter size=67125248.0]
                                                                           ReLU(inplace=True)
                                  [forward_compute_time=0.114,backward_compute_time=0.125,activation_size=262144.0,parameter_size=0.0]
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Dropout(p=0.5, inplace=False) [forward_compute_time=0.266,backward_compute_time=0.310,activation_size=262144.0,parameter_size=0.0]

Linear(in_features=4096, out_features=1000, bias=True) [forward_compute_time=0.553,backward_compute_time=2.646,activation_size=64000.0,parameter_size=16388000.0]