```
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=44.461,backward_compute_time=18.488,activation_size=411041792.0,parameter_size=7168.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=5.336,backward_compute_time=7.478,activation_size=411041792.0,parameter_size=0.0]
                                                       Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=46.017,backward_compute_time=115.035,activation_size=411041792.0,parameter_size=147712.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=5.392,backward_compute_time=7.423,activation_size=411041792.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                               [forward_compute_time=4.780,backward_compute_time=13.848,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(64, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=17.443,backward_compute_time=47.759,activation_size=205520896.0,parameter_size=295424.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=2.852,backward_compute_time=3.713,activation_size=205520896.0,parameter_size=0.0]
                                                      Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=26.648,backward_compute_time=74.875,activation_size=205520896.0,parameter_size=590336.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=3.570,backward_compute_time=3.726,activation_size=205520896.0,parameter_size=0.0]
                                                MaxPool2d(kernel size=2, stride=2, padding=0, dilation=1, ceil mode=False)
                                 [forward compute time=2.952,backward compute time=7.232,activation size=51380224.0,parameter size=0.0]
                                                      Conv2d(128, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=14.562,backward_compute_time=33.321,activation_size=102760448.0,parameter_size=1180672.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=2.274,backward_compute_time=1.998,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=19.352,backward_compute_time=38.419,activation_size=102760448.0,parameter_size=2360320.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=1.573,backward_compute_time=1.895,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=18.854,backward_compute_time=47.850,activation_size=102760448.0,parameter_size=2360320.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=1.388,backward_compute_time=1.897,activation_size=102760448.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=1.434,backward_compute_time=3.782,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(256, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=11.620,backward_compute_time=23.054,activation_size=51380224.0,parameter_size=4720640.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.734,backward_compute_time=1.087,activation_size=51380224.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=16.896,backward_compute_time=27.919,activation_size=51380224.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.990,backward_compute_time=1.269,activation_size=51380224.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=17.156,backward_compute_time=36.811,activation_size=51380224.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.792,backward_compute_time=0.981,activation_size=51380224.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=0.764,backward_compute_time=2.159,activation_size=12845056.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=5.238,backward_compute_time=9.373,activation_size=12845056.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.240,backward_compute_time=0.393,activation_size=12845056.0,parameter_size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=6.698,backward_compute_time=9.454,activation_size=12845056.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.255,backward_compute_time=0.758,activation_size=12845056.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=5.010,backward_compute_time=12.513,activation_size=12845056.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.401,backward_compute_time=0.313,activation_size=12845056.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=0.279,backward_compute_time=7.920,activation_size=3211264.0,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=3211264.0,parameter_size=0.0]
                                                          Linear(in_features=25088, out_features=4096, bias=True)
                             [forward compute time=8.256,backward compute time=13.458,activation size=524288.0,parameter size=411058176.0]
                                                                           ReLU(inplace=True)
                                  [forward_compute_time=0.118,backward_compute_time=0.111,activation_size=524288.0,parameter_size=0.0]
                                                                      Dropout(p=0.5, inplace=False)
                                  [forward compute time=0.230,backward compute time=1.372,activation size=524288.0,parameter size=0.0]
                                                           Linear(in_features=4096, out_features=4096, bias=True)
                              [forward compute time=1.389,backward compute time=2.267,activation size=524288.0,parameter size=67125248.0]
                                                                           ReLU(inplace=True)
                                  [forward_compute_time=0.109,backward_compute_time=0.116,activation_size=524288.0,parameter_size=0.0]
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Dropout(p=0.5, inplace=False) [forward_compute_time=0.149,backward_compute_time=0.312,activation_size=524288.0,parameter_size=0.0]

Linear(in_features=4096, out_features=1000, bias=True) [forward_compute_time=0.722,backward_compute_time=2.823,activation_size=128000.0,parameter_size=16388000.0]