```
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=34.391,backward_compute_time=4.988,activation_size=102760448.0,parameter_size=7168.0]
                                                                           ReLU(inplace=True)
                                [forward compute time=1.709,backward compute time=1.883,activation size=102760448.0,parameter size=0.0]
                                                       Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=15.086,backward_compute_time=35.579,activation_size=102760448.0,parameter_size=147712.0]
                                                                           ReLU(inplace=True)
                                [forward_compute_time=1.369,backward_compute_time=1.890,activation_size=102760448.0,parameter_size=0.0]
                                                 MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=1.833,backward_compute_time=3.469,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(64, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=7.684,backward_compute_time=16.282,activation_size=51380224.0,parameter_size=295424.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.712,backward_compute_time=0.973,activation_size=51380224.0,parameter_size=0.0]
                                                     Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=12.259,backward_compute_time=29.079,activation_size=51380224.0,parameter_size=590336.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.744,backward_compute_time=0.982,activation_size=51380224.0,parameter_size=0.0]
                                                 MaxPool2d(kernel size=2, stride=2, padding=0, dilation=1, ceil mode=False)
                                 [forward_compute_time=0.758,backward_compute_time=2.421,activation_size=12845056.0,parameter_size=0.0]
                                                      Conv2d(128, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward compute time=5.617,backward compute time=11.379,activation size=25690112.0,parameter size=1180672.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.864,backward_compute_time=0.522,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=10.148,backward_compute_time=15.571,activation_size=25690112.0,parameter_size=2360320.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.917,backward_compute_time=0.524,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=9.119,backward_compute_time=20.244,activation_size=25690112.0,parameter_size=2360320.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.444,backward_compute_time=0.795,activation_size=25690112.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=0.672,backward_compute_time=0.980,activation_size=6422528.0,parameter_size=0.0]
                                                     Conv2d(256, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=6.865,backward_compute_time=10.369,activation_size=12845056.0,parameter_size=4720640.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.233,backward_compute_time=0.387,activation_size=12845056.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=10.759,backward_compute_time=15.300,activation_size=12845056.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.253,backward_compute_time=0.388,activation_size=12845056.0,parameter_size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward compute time=10.226,backward compute time=18.714,activation size=12845056.0,parameter size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.233,backward_compute_time=0.306,activation_size=12845056.0,parameter_size=0.0]
                                                 MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward compute time=0.367,backward compute time=1.205,activation size=3211264.0,parameter size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=5.107,backward_compute_time=7.022,activation_size=3211264.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.116,backward_compute_time=0.238,activation_size=3211264.0,parameter_size=0.0]
                                                     Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=3.822,backward_compute_time=5.284,activation_size=3211264.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.115,backward_compute_time=0.222,activation_size=3211264.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=4.816,backward_compute_time=7.143,activation_size=3211264.0,parameter_size=9439232.0]
                                                                           ReLU(inplace=True)
                                 [forward_compute_time=0.120,backward_compute_time=0.140,activation_size=3211264.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                  [forward_compute_time=0.153,backward_compute_time=7.682,activation_size=802816.0,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=802816.0,parameter_size=0.0]
                                                          Linear(in_features=25088, out_features=4096, bias=True)
                             [forward_compute_time=4.569,backward_compute_time=10.353,activation_size=131072.0,parameter_size=411058176.0]
                                                                           ReLU(inplace=True)
                                  [forward_compute_time=0.112,backward_compute_time=0.115,activation_size=131072.0,parameter_size=0.0]
                                                                      Dropout(p=0.5, inplace=False)
                                  [forward_compute_time=0.169,backward_compute_time=1.199,activation_size=131072.0,parameter_size=0.0]
                                                           Linear(in_features=4096, out_features=4096, bias=True)
                              [forward_compute_time=0.747,backward_compute_time=1.012,activation_size=131072.0,parameter_size=67125248.0]
                                                                           ReLU(inplace=True)
                                  [forward_compute_time=0.106,backward_compute_time=0.115,activation_size=131072.0,parameter_size=0.0]
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Dropout(p=0.5, inplace=False) [forward_compute_time=0.143,backward_compute_time=0.305,activation_size=131072.0,parameter_size=0.0]

Linear(in_features=4096, out_features=1000, bias=True) [forward_compute_time=0.379,backward_compute_time=2.588,activation_size=32000.0,parameter_size=16388000.0]