

**Input**

*x*

shape: (1, 3, 224, 224)  
dtype: torch.float32

**Conv2d**

*conv1*

params: 9.41K (0.08%)

src: torch.nn.modules.conv.Conv2d

shape: (1, 64, 112, 112)  
dtype: torch.float32

**BatchNorm2d**

*bn1*

params: 128 (0.00%)

src: torch.nn.modules.batchnorm.BatchNorm2d

shape: (1, 64, 112, 112)  
dtype: torch.float32

**ReLU**

*relu*

src: torch.nn.modules.activation.ReLU

shape: (1, 64, 112, 112)  
dtype: torch.float32

**MaxPool2d**

*maxpool*

src: torch.nn.modules.pooling.MaxPool2d

shape: (1, 64, 56, 56)  
dtype: torch.float32

**layer1**

**layer1.0**

params: 73.98K (0.63%)

shape: (1, 64, 56, 56)  
dtype: torch.float32

**layer1.1**

params: 73.98K (0.63%)

shape: (1, 64, 56, 56)  
dtype: torch.float32

**layer2**

**layer2.0**

params: 230.14K (1.97%)

shape: (1, 128, 28, 28)  
dtype: torch.float32

**layer2.1**

params: 295.42K (2.53%)

shape: (1, 128, 28, 28)  
dtype: torch.float32

**layer3**

**layer3.0**

params: 919.04K (7.86%)

shape: (1, 256, 14, 14)  
dtype: torch.float32

**layer3.1**

params: 1.18M (10.10%)

shape: (1, 256, 14, 14)  
dtype: torch.float32

**layer4**

**layer4.0**

params: 3.67M (31.42%)

shape: (1, 512, 7, 7)  
dtype: torch.float32

**layer4.1**

params: 4.72M (40.38%)

shape: (1, 512, 7, 7)  
dtype: torch.float32

**AdaptiveAvgPool2d**

*avgpool*

src: torch.nn.modules.pooling.AdaptiveAvgPool2d

shape: (1, 512, 1, 1)  
dtype: torch.float32

**flatten**

*flatten*

args: 1

src: torch.flatten

shape: (1, 512)  
dtype: torch.float32

**Linear**

*fc*

params: 513.00K (4.39%)

src: torch.nn.modules.linear.Linear

shape: (1, 1000)  
dtype: torch.float32

**Output**

*output*