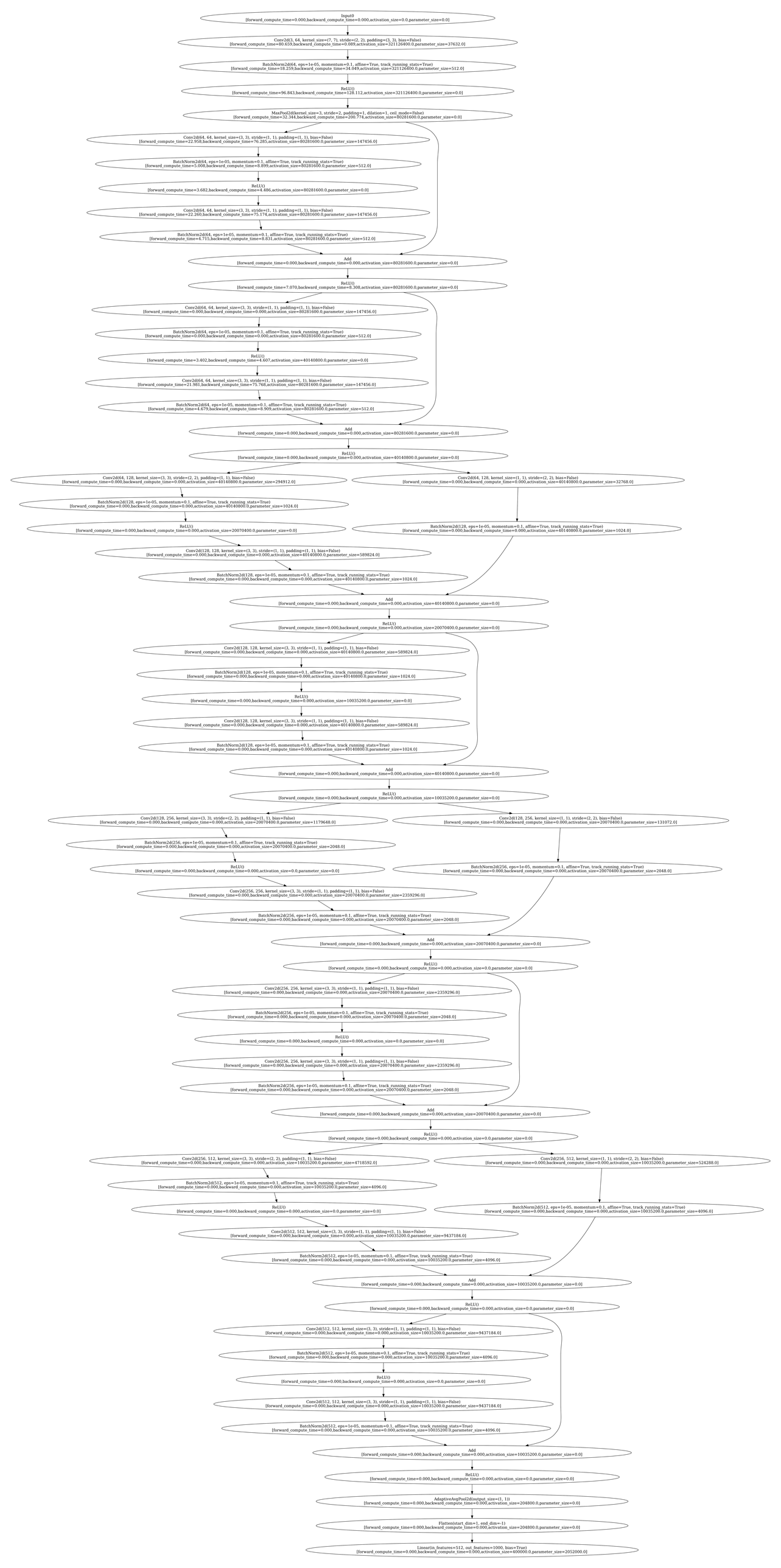
Input0
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(3, 64, kernel_size=(7, 7), stride=(2, 2), padding=(3, 3), bias=False)
[forward_compute_time=80.659,backward_compute_time=0.089,activation_size=321126400.0,parameter_size=37632.0]
BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=18.259,backward_compute_time=34.049,activation_size=321126400.0,parameter_size=512.0]
ReLU()
[forward_compute_time=96.843,backward_compute_time=128.112,activation_size=321126400.0,parameter_size=0.0]
MaxPool2d(kernel_size=3, stride=2, padding=1, dilation=1, ceil_mode=False)
[forward_compute_time=32.344,backward_compute_time=200.774,activation_size=80281600.0,parameter_size=0.0]
Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=22.958,backward_compute_time=76.285,activation_size=80281600.0,parameter_size=147456.0]
BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=5.008,backward_compute_time=8.899,activation_size=80281600.0,parameter_size=512.0]
ReLU()
[forward_compute_time=3.682,backward_compute_time=4.486,activation_size=80281600.0,parameter_size=0.0]
Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=22.260,backward_compute_time=75.174,activation_size=80281600.0,parameter_size=147456.0]
BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=4.715,backward_compute_time=8.831,activation_size=80281600.0,parameter_size=512.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=80281600.0,parameter_size=0.0]
ReLU()
[forward_compute_time=7.070,backward_compute_time=8.308,activation_size=80281600.0,parameter_size=0.0]
Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=80281600.0,parameter_size=147456.0]
BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=80281600.0,parameter_size=512.0]
ReLU()
[forward_compute_time=3.402,backward_compute_time=4.607,activation_size=40140800.0,parameter_size=0.0]
Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=21.981,backward_compute_time=75.768,activation_size=80281600.0,parameter_size=147456.0]
BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=4.679,backward_compute_time=8.909,activation_size=80281600.0,parameter_size=512.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=80281600.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=0.0]
Conv2d(64, 128, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=294912.0]
Conv2d(64, 128, kernel_size=(1, 1), stride=(2, 2), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=32768.0]
BatchNorm2d(128, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=1024.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=0.0]
BatchNorm2d(128, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=1024.0]
Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=589824.0]
BatchNorm2d(128, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=1024.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=0.0]
Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=589824.0]
BatchNorm2d(128, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=1024.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=0.0]
Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=589824.0]
BatchNorm2d(128, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=1024.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=40140800.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=0.0]
Conv2d(128, 256, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=1179648.0]
Conv2d(128, 256, kernel_size=(1, 1), stride=(2, 2), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=131072.0]
BatchNorm2d(256, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2048.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
BatchNorm2d(256, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2048.0]
Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2359296.0]
BatchNorm2d(256, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2048.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2359296.0]
BatchNorm2d(256, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2048.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2359296.0]
BatchNorm2d(256, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=2048.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=20070400.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(256, 512, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=4718592.0]
Conv2d(256, 512, kernel_size=(1, 1), stride=(2, 2), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=524288.0]
BatchNorm2d(512, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=4096.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
BatchNorm2d(512, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=4096.0]
Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=9437184.0]
BatchNorm2d(512, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=4096.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=9437184.0]
BatchNorm2d(512, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=4096.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=9437184.0]
BatchNorm2d(512, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=4096.0]
Add
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=10035200.0,parameter_size=0.0]
ReLU()
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
AdaptiveAvgPool2d(output_size=(1, 1))
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=204800.0,parameter_size=0.0]
Flatten(start_dim=1, end_dim=-1)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=204800.0,parameter_size=0.0]
Linear(in_features=512, out_features=1000, bias=True)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=400000.0,parameter_size=2052000.0]