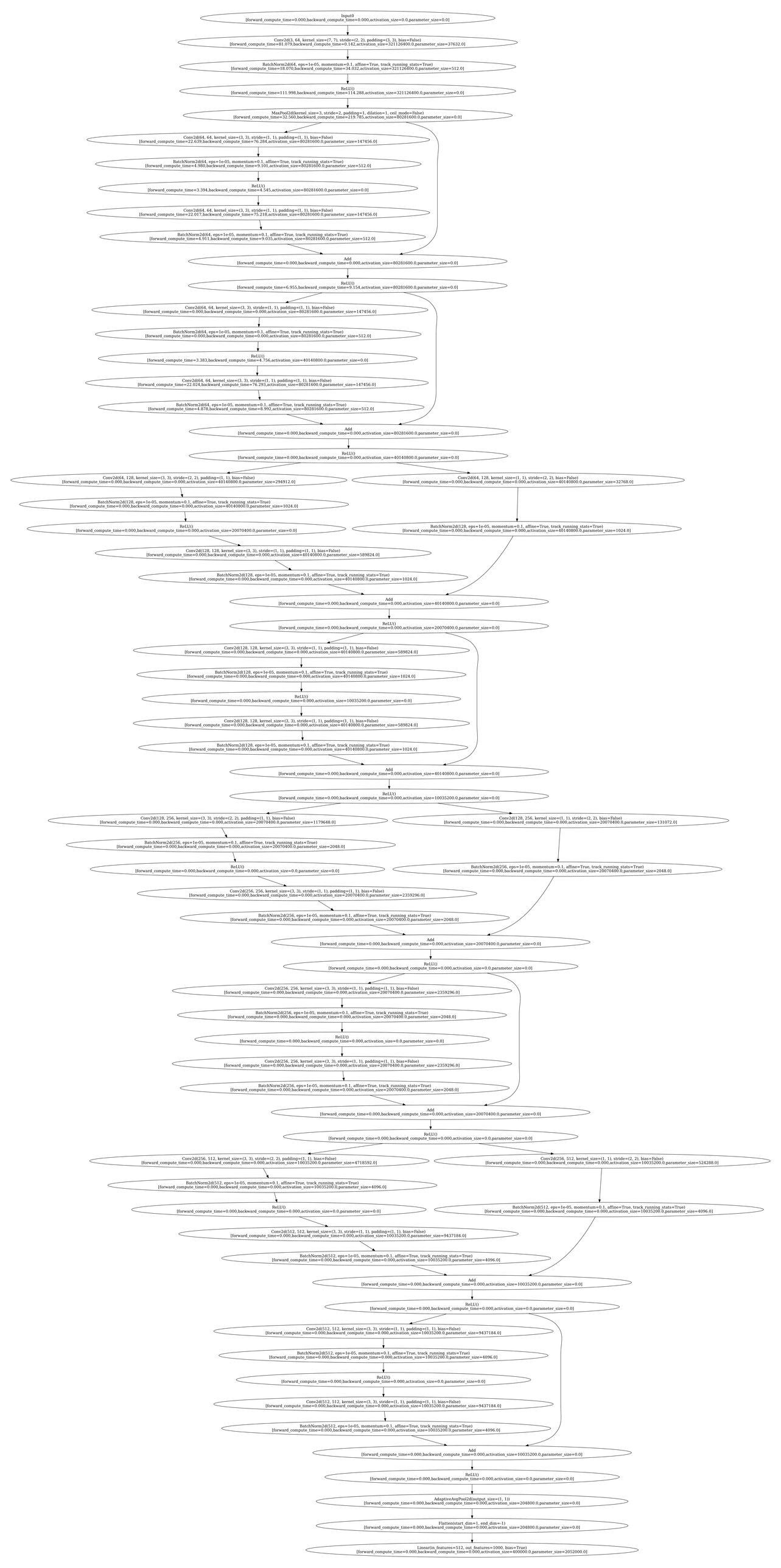
Input0
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=0.0,parameter_size=0.0]
Conv2d(3, 64, kernel_size=(7, 7), stride=(2, 2), padding=(3, 3), bias=False)
[forward_compute_time=81.079,backward_compute_time=0.142,activation_size=321126400.0,parameter_size=37632.0]
BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
[forward_compute_time=18.070,backward_compute_time=34.032,activation_size=321126400.0,parameter_size=512.0]
ReLU()
[forward_compute_time=111.998,backward_compute_time=114.288,activation_size=321126400.0,parameter_size=0.0]
MaxPool2d(kernel_size=3, stride=2, padding=1, dilation=1, ceil_mode=False)
[forward_compute_time=32.560,backward_compute_time=219.785,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=22.639,backward_compute_time=76.284,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=4.980,backward_compute_time=9.101,activation_size=80281600.0,parameter_size=512.0]
ReLU()
[forward_compute_time=3.394,backward_compute_time=4.545,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=22.017,backward_compute_time=75.218,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=4.911,backward_compute_time=9.035,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=6.955,backward_compute_time=9.154,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=3.383,backward_compute_time=4.756,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=22.024,backward_compute_time=76.293,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=4.878,backward_compute_time=8.992,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]