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| 1 | Image Input | data | 154587x512 single |
| 2 | Convolution | conv1 | 290400x512 single |
| 3 | ReLU | relu1 | 290400x512 single |
| 4 | Cross Channel Normalization | norm1 | 290400x512 single |
| 5 | Max Pooling | pool1 | 69984x512 single |
| 6 | Convolution | conv2 | 186624x512 single |
| 7 | ReLU | relu2 | 186624x512 single |
| 8 | Cross Channel Normalization | norm2 | 186624x512 single |
| 9 | Max Pooling | pool2 | 43264x512 single |
| 10 | Convolution | conv3 | 64896x512 single |
| 11 | ReLU | relu3 | 64896x512 single |
| 12 | Convolution | conv4 | 64896x512 single |
| 13 | ReLU | relu4 | 64896x512 single |
| 14 | Convolution | conv5 | 43264x512 single |
| 15 | ReLU | relu5 | 43264x512 single |
| 16 | Max Pooling | pool5 | 9216x512 single |
| 17 | Fully Connected | fc6 | 4096x512 single |
| 18 | ReLU | relu6 | 4096x512 single |
| 19 | Dropout | drop6 | 4096x512 single |
| 20 | Fully Connected | fc7 | 4096x512 single |
| 21 | ReLU | relu7 | 4096x512 single |
| 22 | Dropout | drop7 | 4096x512 single |
| 23 | Fully Connected | fc8 | 1000x512 single |
| 24 | Softmax | prob | 1000x512 single |
| 25 | Classification Output | output | 1000x512 single |