

Large All-CNN for CIFAR-10

| Layer name | Layer description |
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| input | Input 126×126 RGB image |
| conv1 | 2×2 conv. 320 LeakyReLU, stride 1 |
| conv2 | 2×2 conv. 320 LeakyReLU, stride 1 |
| conv3 | 2×2 conv. 320 LeakyReLU, stride 2 |
| conv4 | 2×2 conv. 640 LeakyReLU, stride 1, dropout 0.1 |
| conv5 | 2×2 conv. 640 LeakyReLU, stride 1, dropout 0.1 |
| conv6 | 2×2 conv. 640 LeakyReLU, stride 2 |
| conv7 | 2×2 conv. 960 LeakyReLU, stride 1, dropout 0.2 |
| conv8 | 2×2 conv. 960 LeakyReLU, stride 1, dropout 0.2 |
| conv9 | 2×2 conv. 960 LeakyReLU, stride 2 |
| conv10 | 2×2 conv. 1280 LeakyReLU, stride 1, dropout 0.3 |
| conv11 | 2×2 conv. 1280 LeakyReLU, stride 1, dropout 0.3 |
| conv12 | 2×2 conv. 1280 LeakyReLU, stride 2 |
| conv13 | 2×2 conv. 1600 LeakyReLU, stride 1, dropout 0.4 |
| conv14 | 2×2 conv. 1600 LeakyReLU, stride 1, dropout 0.4 |
| conv15 | 2×2 conv. 1600 LeakyReLU, stride 2 |
| conv16 | 2×2 conv. 1920 LeakyReLU, stride 1, dropout 0.5 |
| conv17 | 1×1 conv. 1920 LeakyReLU, stride 1, dropout 0.5 |
| softmax | 10-way softmax |