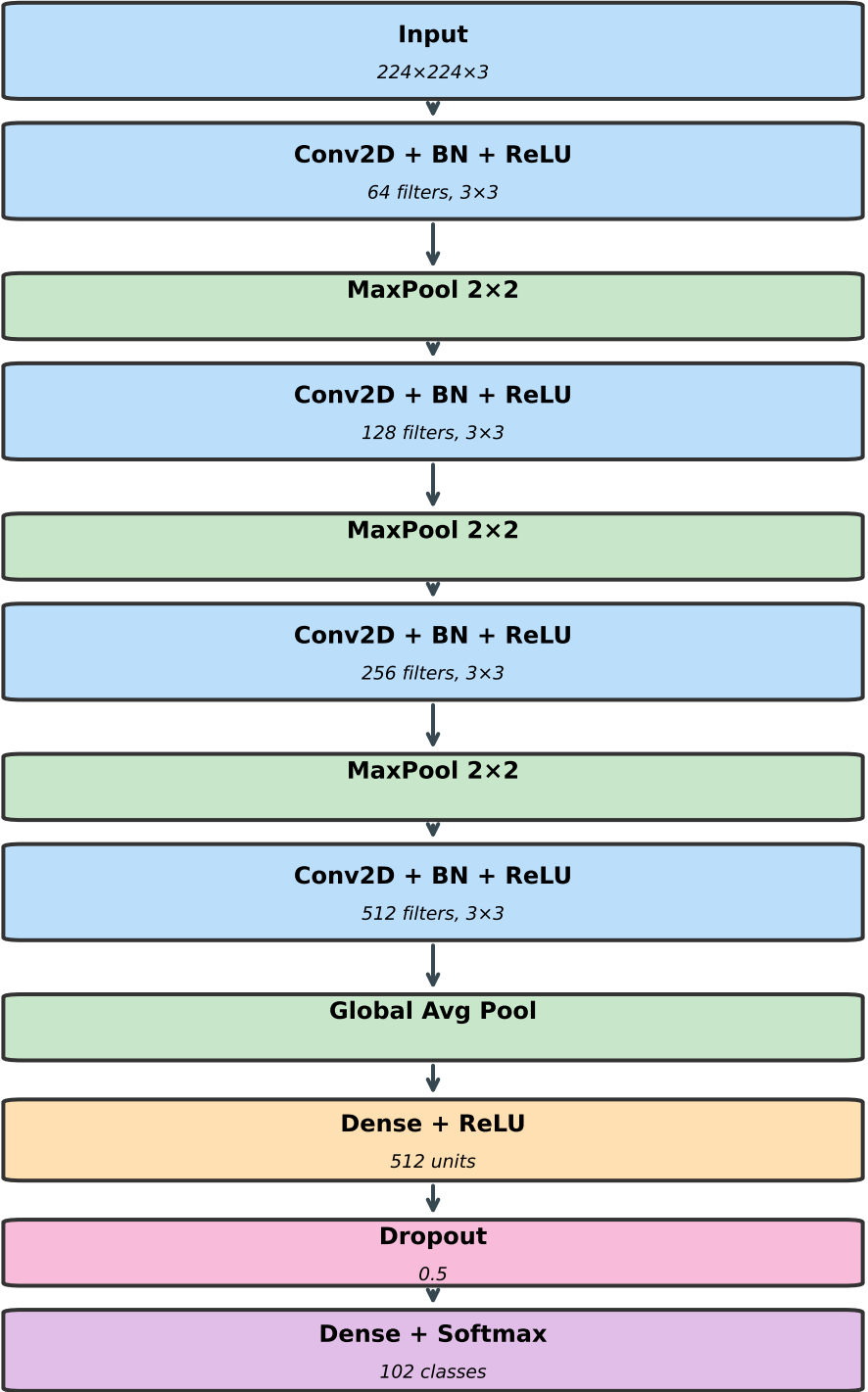


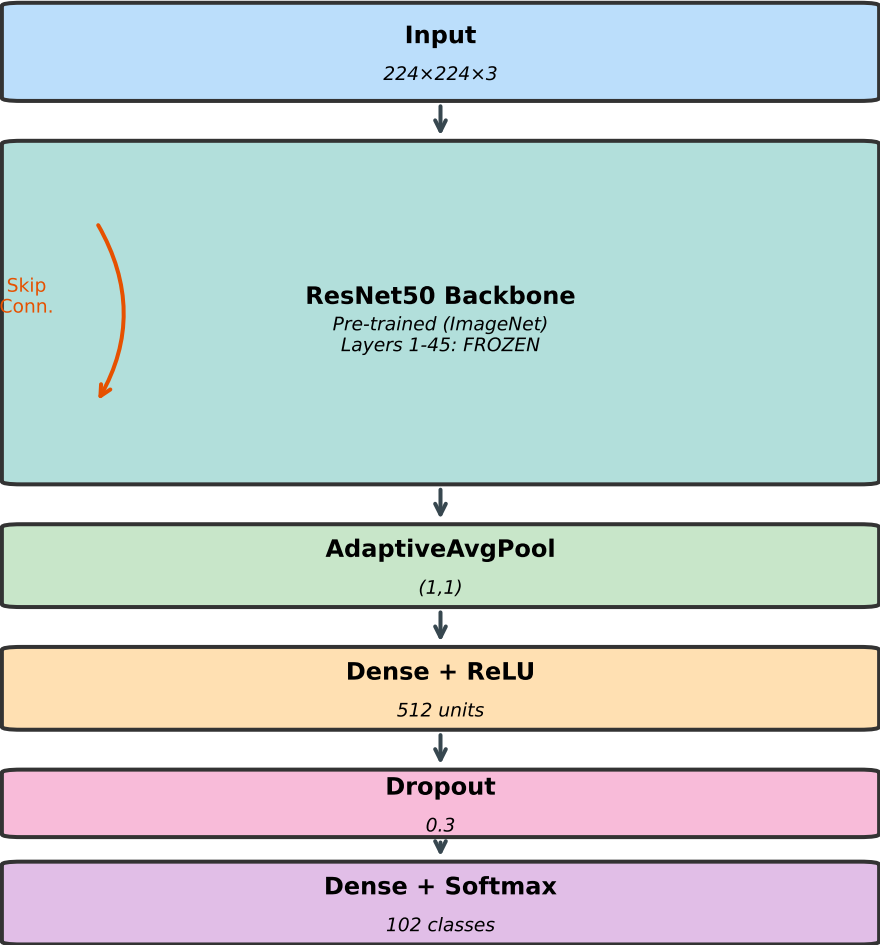
# Model Architectures Comparison

**Baseline CNN  
(Custom Architecture)**



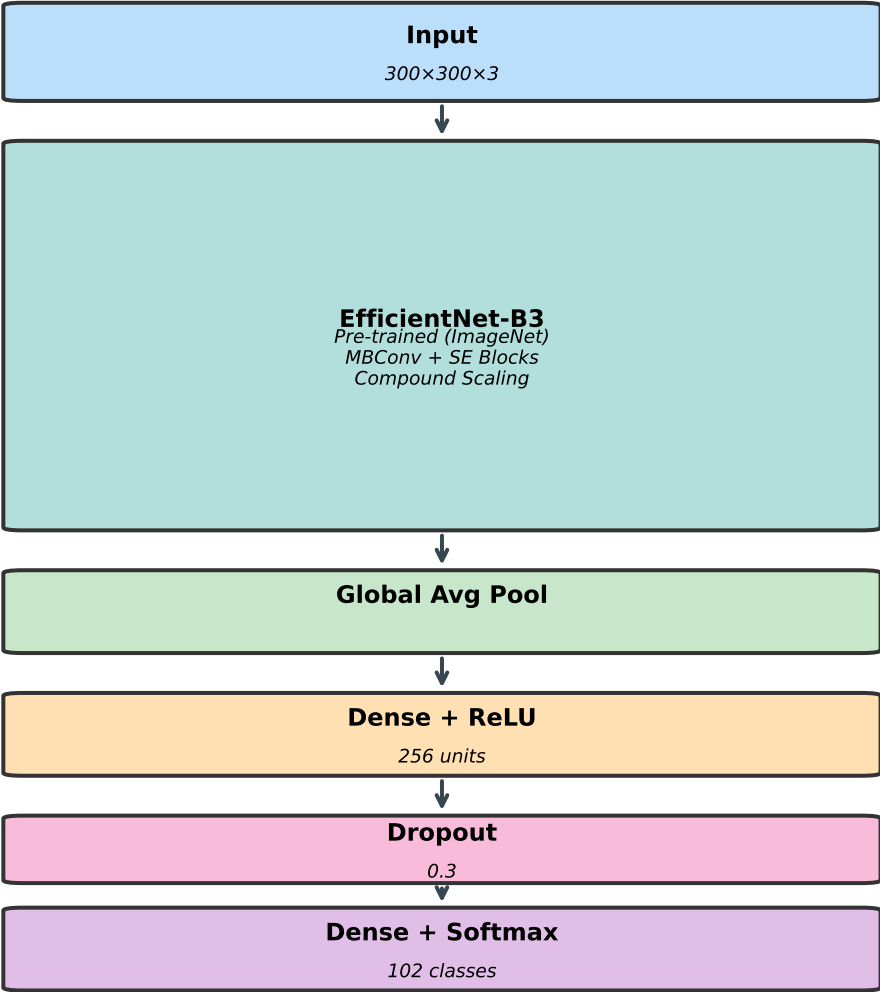
~2.5M Parameters

**ResNet50  
(Transfer Learning)**



~23.5M Params (2M trainable)

**EfficientNet-B3  
(Transfer Learning)**



~10.7M Parameters

Convolution   Pooling   Pre-trained Backbone   Fully Connected   Dropout   Output