

fmap in memory

fmap not in memory

 i^{th} mobile inverted bottleneck block

learnable params

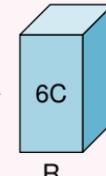
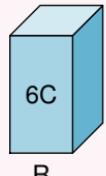
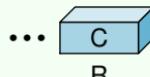
fixed params

weight

bias

 1×1 Conv

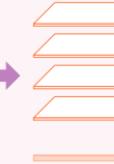
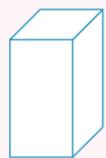
Depth-wise Conv

 1×1 Conv

a) Fine-tune the full network (Conventional)

 1×1 Conv

Depth-wise Conv

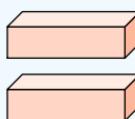
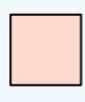
 1×1 Conv

b) Fine-tune bias only

Downsample



Group Conv

 1×1 Conv

Upsample



c) Lite residual learning