

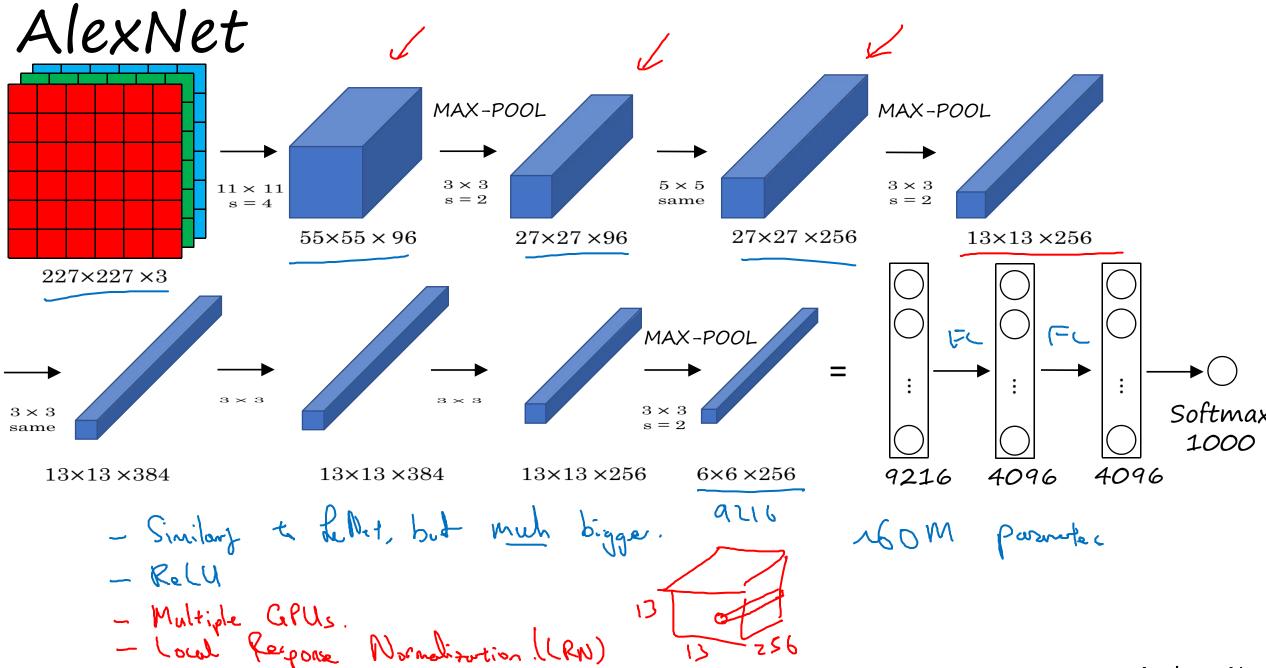
Case Studies

Classic networks

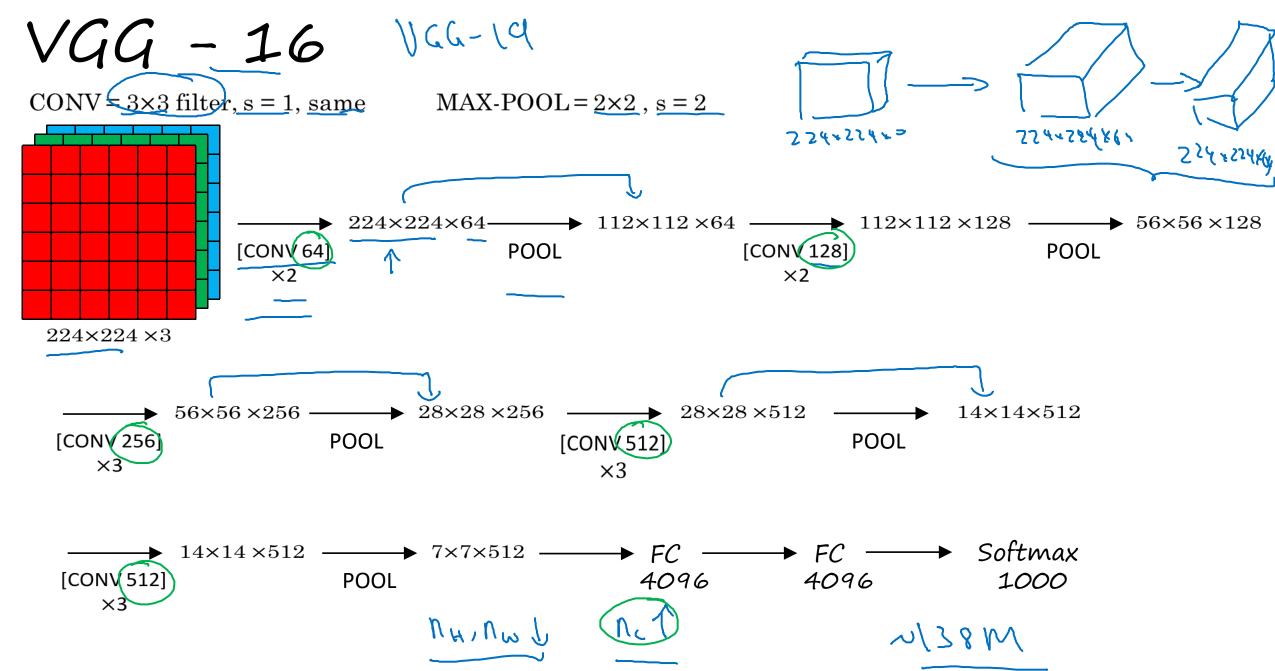
LeNet - 5 avg pool avg pool 5×5 5×5 s = 1s = 1 $28 \times 28 \times 6$ $14 \times 14 \times 6$ $10 \times 10 \times 16_{2}$ $5 \times 5 \times 16$ $32 \times 32 \times 1$ 120 paronetes. Nyxnaxne pool cons pool de de ortput Abroral: Signoid tanh Rell

[LeCun et al., 1998. Gradient-based learning applied to document recognition]

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[Krizhevsky et al., 2012. ImageNet classification with deep convolutional neural networks]



[Simonyan & Zisserman 2015. Very deep convolutional networks for large-scale image recognition]