🐦

(📷 Image Classification)

Image Classification on ImageNet

Leaderboard   Dataset
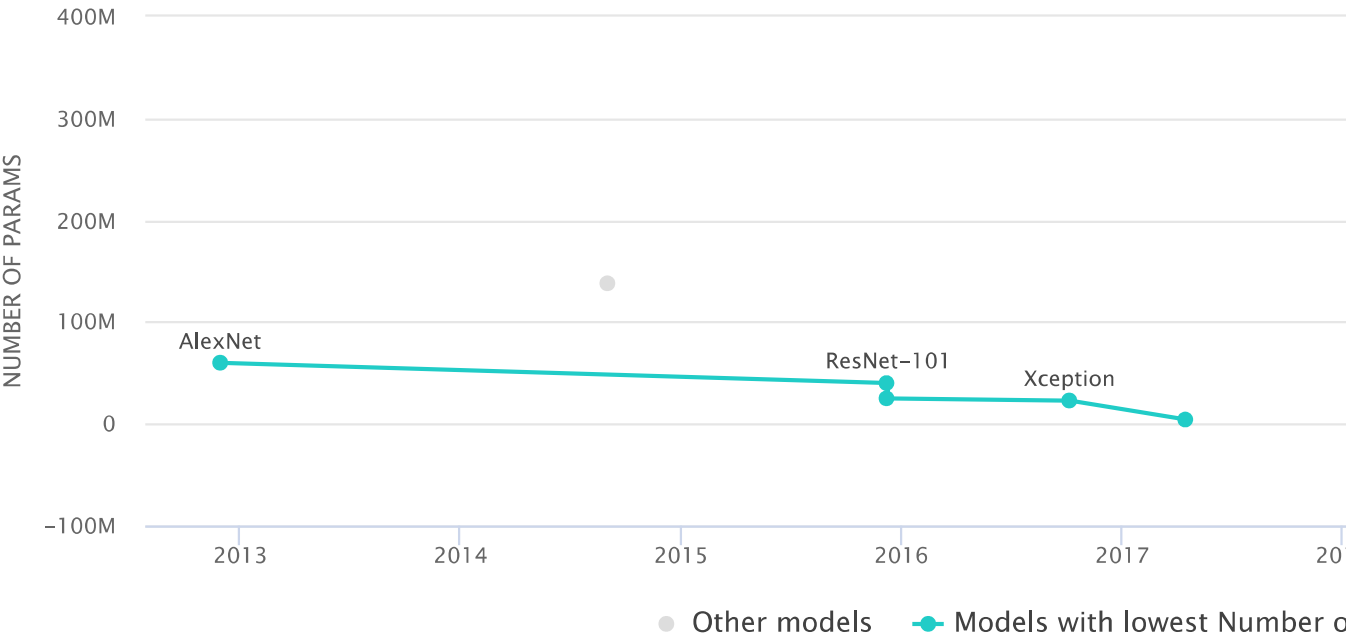
View [Number of params ▾] by [Date ▾] for

[Models using extra training data ▾]

Filter: ImageNet-1k only   Transformer   ResNet   CNN   EfficientNet   ImageNet-22k   JFT-300M

MLP   ResNeXt   JFT-3B   Neighborhood Attention   NAT Transformer   PatchConvnet   Reversible

FPN   ALIGN   Conv+Transformer   CLIP data   IG-1B   Swin-Transformer   Teacher-22k

CrossCovarianceAttention   FLD-900M   DCN   Deformable Convolution   Contrastive

Self-Supervised Learning   RegNet   图像分类数据   Mixer   untagged   Hardware Burden

Operations per network pass   Robustness reports

[Edit Leaderboard]

Showing 16 out of 769 rows. (clear all filters)

Rank	Model	Top 1 Accuracy	Top 5 Accuracy	Number of params ⬇	GFLOPs	Number of parameters (M)	Extra Training Data	Paper
1	**MobileNet-224 ×1.0**	70.6%		4.2M	1.138		✓	MobileNets Efficient Convolutio Neural Networks f Mobile Visi Applicatior
2	**EfficientNet-B1**	78.8%	94.4	7.8M	0.7		✓	EfficientNe Rethinking Model Scaling for Convolutio Neural Networks
3	**EfficientNet-B2**	79.8%	94.9	9.2M	1		✓	EfficientNe Rethinking Model Scaling for Convolutio Neural Networks
4	**EfficientNet-B3**	81.1%	95.5	12M			✓	EfficientNe Rethinking Model Scaling for Convolutio Neural Networks
5	**EfficientNet-B4**	82.6%	96.3	19M	4.2		✓	EfficientNe Rethinking Model Scaling for Convolutio Neural Networks

Rank	Model	Top 1 Accuracy	Top 5 Accuracy	Number of params ↓	GFLOPs	Number of parameters (M)	Extra Training Data	Paper
6	**Xception**	79%	94.5	22.855952M			✓	Xception: Deep Learning w Depthwise Separable Convolutio
7	**ResNet-50**	75.3%	93.29	25M	3.8		✓	Deep Residual Learning fc Image Recognitior
8	**Swin-T**	81.3%		29M	4.5		✓	Swin Transforme Hierarchica Vision Transforme using Shift Windows
9	**EfficientNet-B5**	83.3%	96.7	30M	9.9		✓	EfficientNe Rethinking Model Scaling for Convolutio Neural Networks
10	**ResNet-101**	78.25%	93.95	40M	7.6		✓	Deep Residual Learning fc Image Recognitior
11	**EfficientNet-B6**	84%	96.9	43M	19		✓	EfficientNe Rethinking Model Scaling for Convolutio Neural Networks

Rank	Model	Top 1 Accuracy	Top 5 Accuracy	Number of params ⬇	GFLOPs	Number of parameters (M)	Extra Training Data	Paper
12	**SENet-101**	81.4%	95.7%	49.2M			✓	Bottleneck Transformer for Visual Recognition
13	**AlexNet**	63.3%	84.6%	60M			✓	ImageNet Classification with Deep Convolutional Neural Networks
14	**EfficientNet-B7**	84.4%	97.1	66M	37		✓	EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks
15	**VGG-16**	74.4%	91.9	138M			✓	Very Deep Convolutional Networks for Large-Scale Image Recognition
16	**ViT-L/16**	87.76%		307M			✓	An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale

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