SparseFormer: Sparse Visual Recognition via Limited Latent

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- 1) Latent tokens = Latent embeddings + Rols



method	top-1	FLOPs	#params	throug
ResNet-50 (Wightman et al., 2021)	80.4	4.1G	26M	
ResNet-101 (Wightman et al., 2021)	81.5	7.9G	45M	
DeiT-S (Touvron et al., 2021)	79.8	4.6G	22M	
DeiT-B (Touvron et al., 2021)	81.8	17.5G	86M	
Swin-T (Liu et al., 2021a)	81.3	4.5G	29M	
Swin-S (Liu et al., 2021a)	83.0	8.7G	50M	
Perceiver (Jaegle et al., 2021)	78.0	707G	45M	
Perceiver IO (Jaegle et al., 2022)	82.1	369G	49M	
SparseFormer-T	81.0	2.0G	32M	
SparseFormer-S	82.0	3.8G	48M	
SparseFormer-B	82.6	7.8G	81M	
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dense paradigm

<- SparseFormer OpenReview link



#: N ≪ H×W

our **sparse** paradigm

<- Code and checkpoints are available at https://github.com/showlab/sparseformer











