Table V: Computational Requirements

Model	Parameters	Model Size	GPU Memory	Inference
MobileNetV2 (Primary)	**2.2M**	**9 MB**	**1.2 GB**	**5 ms**
ResNet-50	23.5M	94 MB	2.1 GB	8 ms
Swin-T	27.5M	110 MB	2.8 GB	12 ms
ViT-B/16	85.8M	343 MB	4.2 GB	15 ms