

Table 14. Computational efficiency comparison across models (measured with input size $512 \times 512 \times 3$, batch size 16).

MODEL	PARAM COUNT	PARAM (MB)	GPU MEM (MiB)	TRAIN (S/EPOCH)	INFERENCE (S/EPOCH)
UNET	31,037,633	118.44	29,738	13.31	1.45
FNO	1,444,017	10.97	15,740	5.36	0.87
MGNO	227,403,798	867.47	43,768	42.73	3.34
MWT	5,089,281	37.47	23,480	20.77	2.16
LSM	4,801,089	18.33	42,930	62.54	2.99
TRANSOLVER	279,607	1.06	41,450	25.54	3.14
M2NO (OURS)	417,377	1.59	17,992	18.39	1.78