

<b>Compression Method</b>	<b>Compression Ratio</b>
SGD	1
Gradient Sparsification ( $k=0.02$ )	205
Natural Compression	4
1-Bit SGD	32
Sparse Gradient ( $R=90\%$ )	4.67
TernGrad	16
Top-K ( $k=10$ )	222.15
vqSGD ( $s=200$ )	7.7
EFsignSGD	-
FetchSGD	-
MemSGD ( $k=10$ )	222.15