Projected Memory Scaling: ZGQ vs HNSW

Legend:
- HNSW
- ZGQ (Proposed)

Tested

Projected (Linear Scaling)

Savings at 1B: 113 GB (20%)

568 GB
432 GB

58 MB
47 MB

6 MB
5 MB

Memory Usage

Dataset Scale

10K 100K 1M 10M 100M 1B