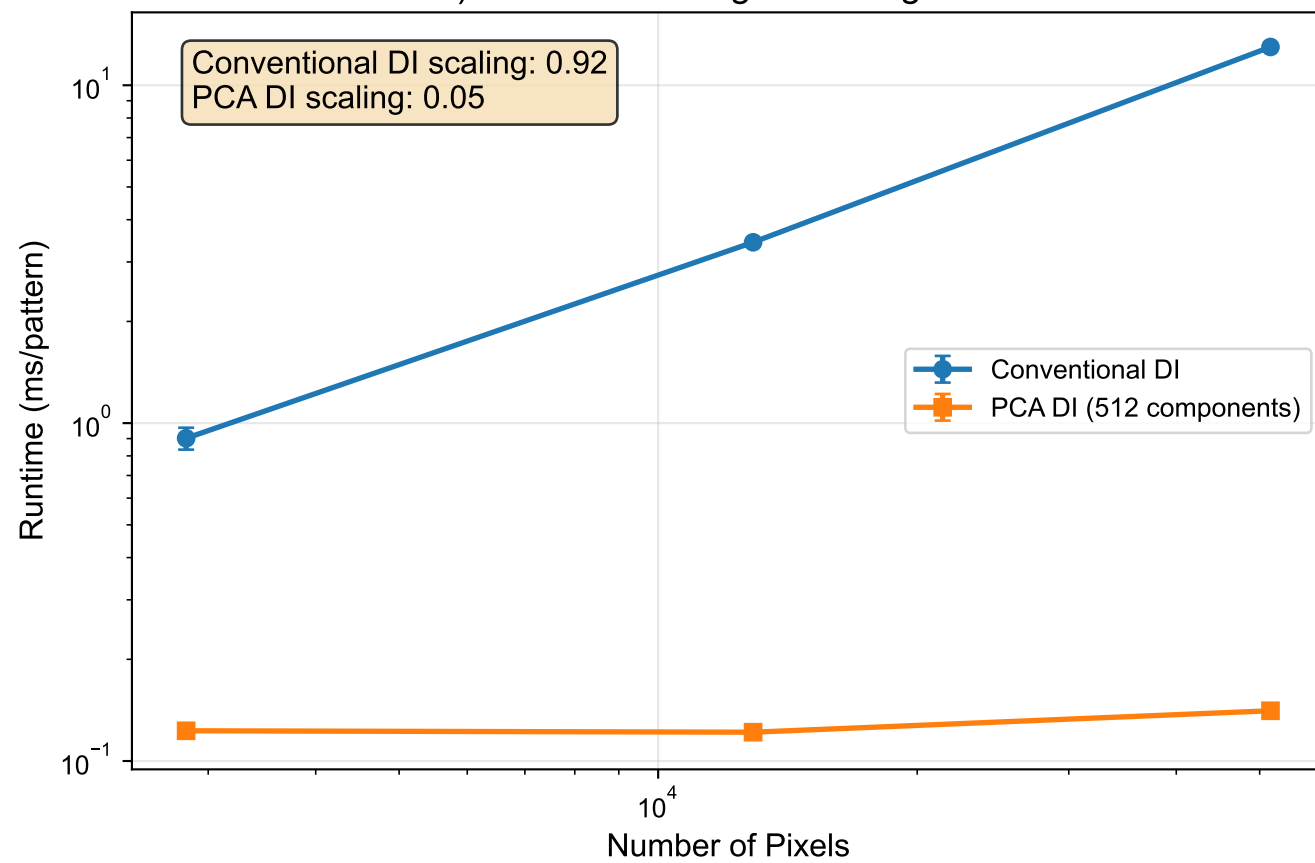
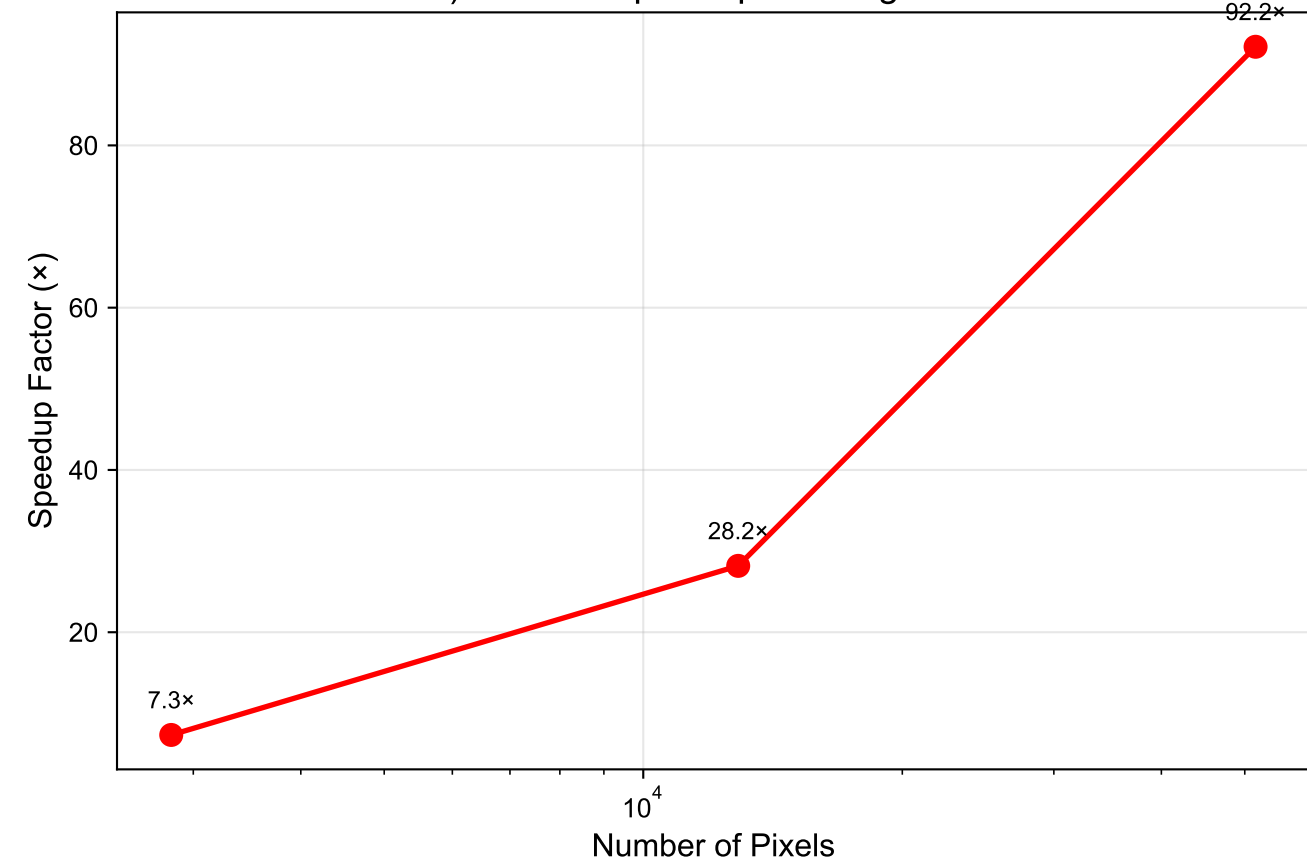


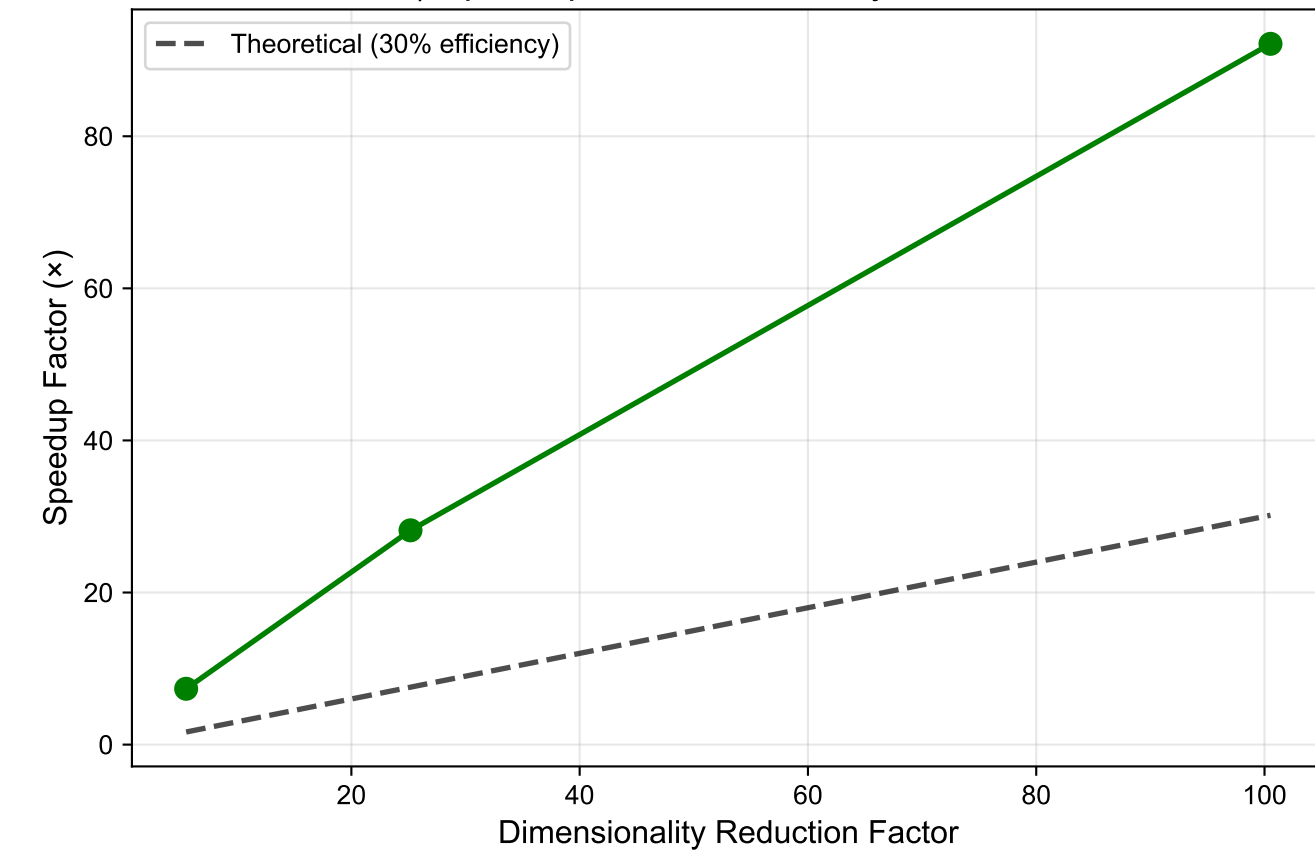
A) Runtime Scaling with Image Size



B) PCA-DI Speedup vs Image Size



C) Speedup vs Dimensionality Reduction



D) Scaling Summary

Image Size	Pixels	Speedup	Improvement
60×60	2,828	7.3×	1.0×
128×128	12,892	28.2×	3.8×
256×256	51,468	92.2×	12.6×

Key Finding:
Speedup scales from 7.3× to 92.2×
(13× improvement with larger images)