

Output

Similarity score:

Operation	HNSW Baseline	Disk-based Indexing Only	Payload-based Indexing Only	Disk-based + Payload Indexing
INSERT	Latency: 69.21ms CPU: 0.00% Memory: 0.12MB Throughput: 72.25 ops/s	Latency: 11.25ms CPU: 0.00% Memory: 0.00MB Throughput: 444.58 ops/s	Latency: 10.27ms CPU: 97.00% Memory: 0.00MB Throughput: 486.63 ops/s	Latency: 10.76ms CPU: 0.00% Memory: 0.00MB Throughput: 464.64 ops/s
SEARCH	Latency: 55.39ms CPU: 18.00% Memory: 0.00MB Throughput: 98.27 ops/s Avg Score: 0.9787 (Top-5: 1.0000, 0.9946, 0.9701, 0.9649, 0.9639)	Latency: 7.00ms CPU: 142.40% Memory: 0.00MB Throughput: 714.58 ops/s Avg Score: 0.9787 (Top-5: 1.0000, 0.9946, 0.9701, 0.9649, 0.9639)	Latency: 6.30ms CPU: 163.50% Memory: 0.00MB Throughput: 793.89 ops/s Avg Score: 0.9787 (Top-5: 1.0000, 0.9946, 0.9701, 0.9649, 0.9639)	Latency: 7.90ms CPU: 124.50% Memory: 0.00MB Throughput: 626.75 ops/s Avg Score: 0.9787 (Top-5: 1.0000, 0.9946, 0.9701, 0.9649, 0.9639)
UPDATE	Latency: 864.20ms CPU: 612.10% Memory: 1.30MB Throughput: 115.71 ops/s	Latency: 650.67ms CPU: 691.60% Memory: 1.80MB Throughput: 153.69 ops/s	Latency: 731.99ms CPU: 664.10% Memory: 0.30MB Throughput: 136.61 ops/s	Latency: 868.07ms CPU: 620.90% Memory: 0.00MB Throughput: 115.20 ops/s
DELETE	Latency: 22.05ms CPU: 0.00% Memory: 0.00MB Throughput: 4377.09 ops/s	Latency: 5.79ms CPU: 171.10% Memory: 0.00MB Throughput: 17261.22 ops/s	Latency: 11.01ms CPU: 0.00% Memory: 0.00MB Throughput: 9082.51 ops/s	Latency: 5.02ms CPU: 0.00% Memory: 0.00MB Throughput: 19908.41 ops/s