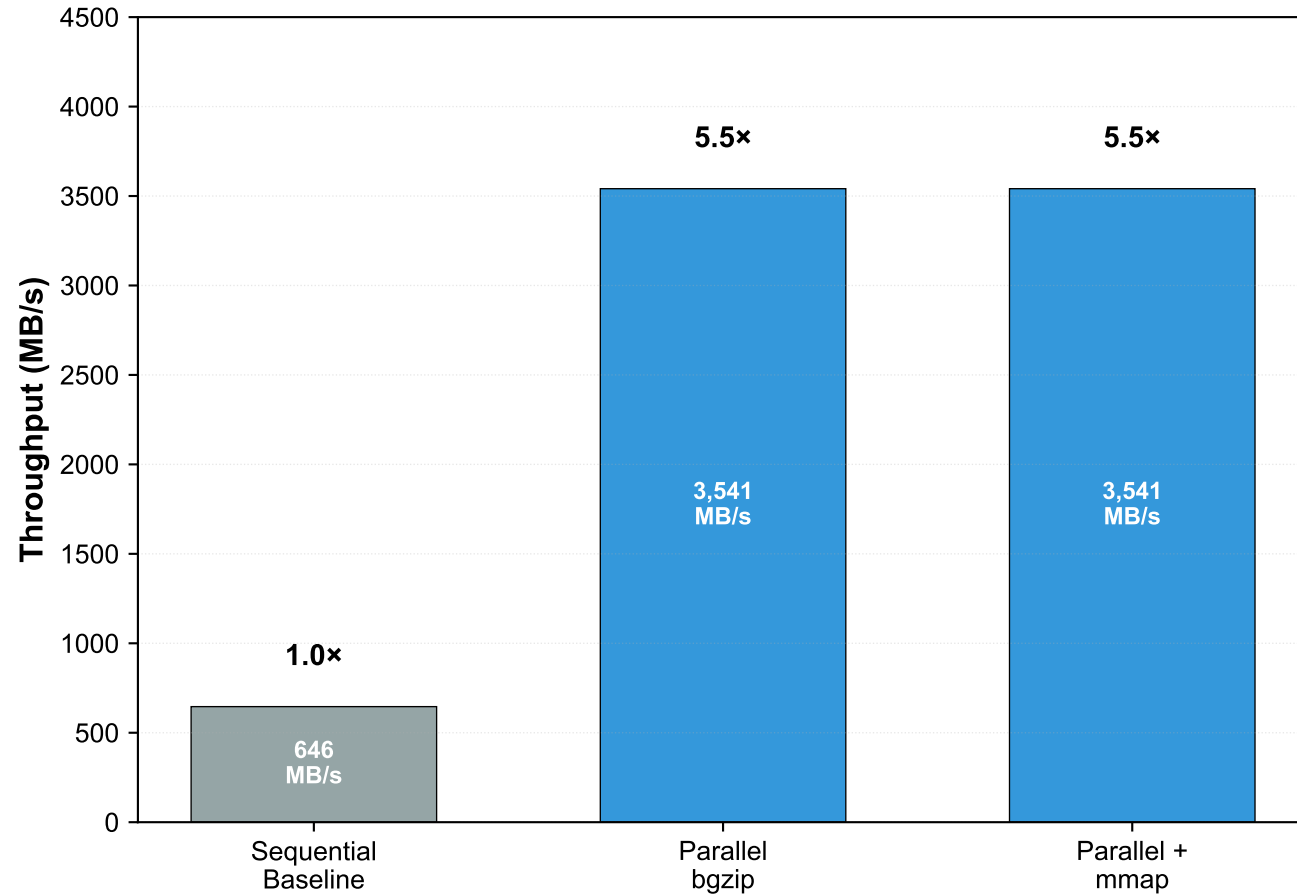


I/O Optimization Stack: Layered Benefits (CPU parallel bgzip + smart mmap)

Small Files (<50 MB)
0.58 MB, 51 bgzip blocks



Large Files (≥50 MB)
5.82 MB, 485 bgzip blocks

