



p0 = wal pipeline disabled
p1 = wal pipeline enabled

pipeline gains increased by increasing shared buffers

Recoveries

	Time Elapsed (p0)	Time Elapsed (p1)	% perf	Workload	Base DB size
simple-update (s-buff = 128 MB)	96s 790ms	83s 290ms	13.95%	pgbench -n -c 20 -M prepared -j 20 -T 400 -b simple-update	4494 MB
simple-update (s-buff = 8 GB)	30s 380ms	21s 30ms	30.78%	pgbench -n -c 20 -M prepared -j 20 -T 400 -b simple-update	4494 MB
tpcb (s-buff = 128 MB)	103s 620ms	88s 480ms	14.61%	pgbench -n -c 20 -M prepared -j 20 -T 400 -b tpcb-like	4494 MB
tpcb (s-buff = 8 GB)	31s 480ms	22s 150ms	29.64%	pgbench -n -c 20 -M prepared -j 20 -T 400 -b tpcb-like	4494 MB

DB init for base backup

pgbench workload	pgbench -i -s 300 postgres

Machine Specs:

CPU: AMD Ryzen 7 6800HS

Thread(s) per core: 2
Core(s) per socket: 8

nproc: 16

Memory: 24 GB