29012021-2

POWER9 testing with a PowerNV C1P9S01 REV 1.01 and llvmpipe 32GB on Fedora 33 via the Phoronix Test Suite.

2ndtest

Processor: POWER9 @ 3.80GHz (4 Cores / 16 Threads), Motherboard: PowerNV C1P9S01 REV 1.01, Memory: 32768MB, Disk: Samsung SSD 970 EVO Plus 250GB + 128GB NE-128, Graphics: llvmpipe 32GB, Network: 3 x Broadcom NetXtreme BCM5719 PCIe

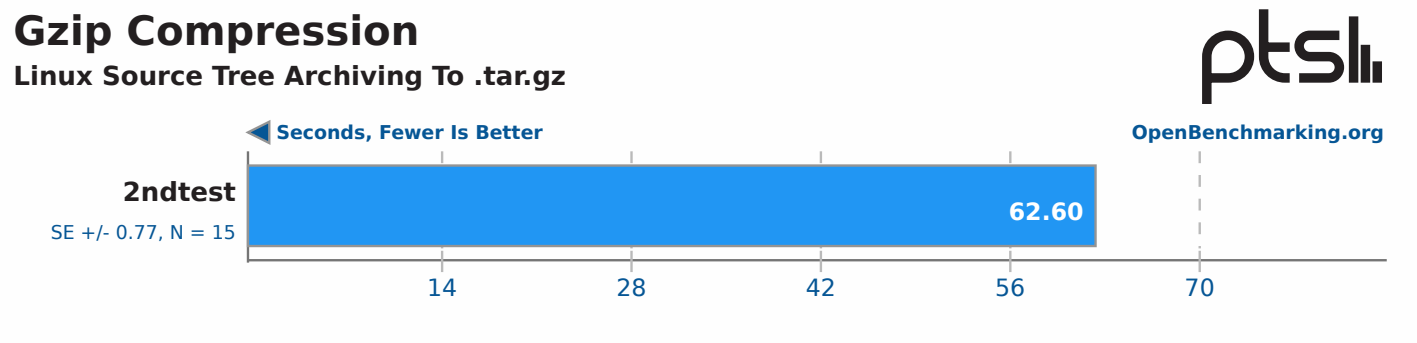
OS: Fedora 33, Kernel: 5.10.10-200.fc33.ppc64le (ppc64le), Desktop: KDE Plasma 5.20.5, Display Server: X Server 1.20.10, Display Driver: modesetting 1.20.10, OpenGL: 4.5 Mesa 20.3.3 (LLVM 11.0.0 128 bits), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20201125, File-System: ext4, Screen Resolution: 1920x1080

Processor Notes: SMT (threads per core): 4

Security Notes: SELinux + itlb_multihit: Not affected + l1tf: Mitigation of RFI Flush L1D private per thread + mds: Not affected + meltdown: Mitigation of RFI Flush L1D private per thread + spec_store_bypass: Mitigation of Kernel entry/exit barrier (eieio) + spectre_v1: Mitigation of __user pointer sanitization ori31 speculation barrier enabled + spectre_v2: Mitigation of Software count cache flush (hardware accelerated) Software link stack flush + srbds: Not affected + tsx_async_abort: Not affected

Gzip Compression

This test measures the time needed to archive/compress two copies of the Linux 4.13 kernel source tree using Gzip compression. (https://openbenchmarking.org/test/pts/compress-gzip).



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