SPEC CPU®2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation My Corporation SPECrate®2017_int_base = **3**.01 SPECrate®2017_int_peak >> Not Run Test Date: Jun-2024 CPU2017 License: nnn (Your SPEC license number) Hardware Availability: **Test Sponsor:** My Corporation Tested by: Software Availability: My Corporation **Copies** 0 1.00 2.00 500.perlbench_r 502.gcc_r 1 505.mcf_r 1 520.omnetpp_r 1 523.xalancbmk_r 1 525.x264_r 1 531.deepsjeng_r 1 541.leela_r 1 548.exchange2_r 557.xz_r 1 SPECrate[®]2017_int_base (3.01) Hardware Software CPU Name: 13th Gen Intel Core i9-1/3900KS OS: Ubuntu 22.04.4 LTS Max MHz: 6.8.0-76060800daily20240311-generic C/C++/Fortran: Version 7.2.1 of GCC, the Nominal: Compiler: cores, 1 chip, threads/core Enabled: **GNU** Compiler Collection Orderable: Parallel: No Cache L1: Firmware: L2: File System: ext4 L3: System State: Run level 5 (add definition here)

Errors

Base Pointers:

Peak Pointers:

Power Management: --

Other:

64-bit

Not Applicable

'reportable' flag not set during run 557.xz_r (base) did not have enough runs! 500.perlbench_r (base) did not have enough runs! 523.xalancbmk_r (base) did not have enough runs!

125,561 GB fixme: If using DDR4, the format is:

'N GB (Nx N GB nRxn PC4-nnnnX-X)'

TB add more disk info here

525.x264_r (base) did not have enough runs!

531.deepsjeng_r (base) did not have enough runs!

541.leela r (base) did not have enough runs!

520.omnetpp_r (base) did not have enough runs!

548.exchange2_r (base) did not have enough runs!

502.gcc_r (base) did not have enough runs!

505.mcf r (base) did not have enough runs!

(Continued on next page)

Other:

Memory:

Storage:

Other:

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3.01

Hardware Availability: Software Availability:

Errors (Continued)

Unknown flags were used! See

https://www.spec.org/cpu2017/Docs/runcpu.html#flagsurl for information about how to get rid of this error.

Results Table

				Base		-H	$\overline{}$	· ·			Peak		-	
Benchmark	Copies	Seconds	Ratio		Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
Delicililai K	Copies	Seconds	Katio	Seconds	Katio	Seconus	Katio	opies	Seconus	Kauo	Seconus	Kauo	Seconds	Kauo
500.perlbench_r				\mathcal{C}				1/N						
502.gcc_r	1	<u>457</u>	3.10											
505.mcf_r	1	<u>409</u>	3.95				$\overline{}$							
520.omnetpp_r	1	<u>562</u>	2.33				1							
523.xalancbmk_r	1	<u>283</u>	<u>3.73</u>				/							
525.x264_r	1	<u>300</u>	<u>5.83</u>											
531.deepsjeng_r	1	<u>435</u>	2.64		/	\searrow								
541.leela_r	1	<u>780</u>	<u>/2.12</u>											
548.exchange2_r			7		V) "	[
557.xz_r	1	<u> 562</u>	1.92											

SPECrate®2017_int_base = 3.01

SPECrate[®]2017_int_peak \ Not Run

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

Environment Variables Notes

Environment variables set by runcpu before the start of the run: LD LIBRARY PATH = "/usr/lib64/:/usr/lib/:/lib64"

Platform Notes

Sysinfo program /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bin/sysinfo Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011 running on shr-work Sun Jun 23 08:46:55 2024

 SUT (System Under Test) info as seen by some common utilities. For more information on this section, see

https://www.spec.org/cpu2017/Docs/config.html#sysinfo

From /proc/cpuinfo

model name : 13th Gen Intel(R) Core(TM) i9-13900KS

- 1 "physical id"s (chips)
- 24 "processors"

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Platform Notes (Continued)

```
cores, siblings (Caution: counting these is hw and system dependent. The following
excerpts from /proc/cpuinfo might not be reliable.
                                                   Use with caution.)
```

cpu cores : 24 siblings : 24

physical 0: cores 0 4 8 12 16 20 **3**2 33 34 35 36 37**) 1**8 39 40 41 42 43 44 45 46

```
From lscpu:
```

```
Architecture:
CPU op-mode(s):
Address sizes:
Byte Order:
CPU(s):
```

On-line CPU(s) list: Off-line CPU(s) list:

Vendor ID: Model name: CPU family: Model:

Thread(s) per core Core(s) per socket

Socket(s): Stepping: CPU max MHz:

CPU min Myz BogoMIPS/

Flags:

×86_64 32-bit, 64-bit

46 bits physical, 48 bits virtual

Little Endian

0,2,4,6,8,10,12,14,16-31

1,3,8,7,9,11,13,15 GenuineIntel

19th Gen Intel(R) Core(TM) i9-13900KS

1 6000.0000 0.0000

6374.40 fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mea cmov pat psed6 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpelgb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_sc cpuid aperfmperf tsc_known_freq pni pclmulqdq dtes64 monitor ds_cpl vmx

mx est tm2 sssg3 sdbg fma cx16 xtpr pdcm sse4_1 sse4_2 x2apic movbe popcnt ksc_deadline_timer aes xsave avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault ssbd ibrs ibpb stibp ibrs_enhanced tpr_shadow flexpriority ept vpid ept_ad fsgsbase tsc_ad ust imil avx2 smep bmi2 erms invpcid rdseed adx smap clflushopt clwb intel_pt sha_ni xsaveopt xsavec xgetbv1 xsaves split_lock_detect user_shstk avx_vnni dtherm ida arat pln pts hwp hwp_notify hwp_act_window hwp_epp hwp_pkg_req hfi vnmi umip pku ospke waitpkg gfni vaes vpclmulqdq tme rdpid movdiri movdir64b fsrm md_clear

serialize pconfig arch_lbr ibt flush_lld arch_capabilities

Vixtualization: VT-xL1d cache: 896 KiB (24 instances) Lli cache: 1.3 MiB (24 instances) L2 cache: 32 MiB (12 instances) L3 cache: 36 MiB (1 instance)

NUMA node(s):

NUMA node0 CPU(s): 0,2,4,6,8,10,12,14,16-31

Vulnerability Gather data sampling: Not affected Vulnerability Itlb multihit: Not affected

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Platform Notes (Continued)

```
Vulnerability L1tf:
                                          Not affected
     Vulnerability Mds:
                                          Not affected
                                          Not affected
     Vulnerability Meltdown:
     Vulnerability Mmio stale data:
                                          Not affected
     Vulnerability Retbleed:
                                          Not affected
     Vulnerability Spec rstack overflow: Not affected
     Vulnerability Spec store bypass:
                                          Miligation; Speculative Store Bypass disabled
     via prctl
                                         Mitigation; usercopy/swapgs barriers and __user
     Vulnerability Spectre v1:
     pointer sanitization
     Vulnerability Spectre v2:
                                          Mitigation; Enhanced / Automatic IBRS, IBPB
     conditional, RSB filling, PBRSB-QIBRS SW sequence
                                          Not affected
     Vulnerability Srbds:
     Vulnerability Tsx async abort:
                                          Not affected
/proc/cpuinfo cache data
   cache size : 36864 KB
                         WARNING: a numactl 'node' might or might not correspond to a
From numactl --hardware
physical chip.
From /proc/meminfo
                     1660528
   MemTotal:
   HugePages Total:
                        2048 kB
   Hugepagesize:
/usr/bin/lsb_release
   Ubuntu 22 04.4 LTS
From /etc/*release* /etc/*version*
   debiah_version: bookworm/sid
   os release:
      PRETTY_NAME "Ubuntu 22.04.4 LTS"
      NAME="Ubuntu"
      VERSION TD="22.04"
      VERSION="22.04.4 LTS (Jammy Jellyfish)"
      VERSION_CODENAME=jammy
      ID=wbuntu
      ID_LIKE=debian
      HOME_URL="https://www.ubuntu.com/"
   Linux shr-work 6.8.0-76060800daily20240311-generic
   #202403110203~1715181801~22.04~aba43ee~dev-Ubuntu SMP PREEMPT_DY x86_64 x86_64 x86_64
   GNU/Linux
Kernel self-reported vulnerability status:
```

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Hardware Availability:

Software Availability:

Platform Notes (Continued)

```
gather_data_sampling:
                                           Not affected
itlb_multihit:
                                           Not affected
CVE-2018-3620 (L1 Terminal Fault):
                                           Not affected
Microarchitectural Data Sampling:
                                           Not affected
                                           Not affected
CVE-2017-5754 (Meltdown):
mmio_stale_data:
                                           Not affected
retbleed:
                                           Not affected
                                           Not affected
spec_rstack_overflow:
CVE-2018-3639 (Speculative Store Bypass):
                                          Mitigation: Speculative Store Bypass disabled
                                           via prct/
CVE-2017-5753 (Spectre variant 1):
                                         Mitigation usercopy/swapgs barriers and __user
                                           pointer sanitization
CVE-2017-5715 (Spectre variant 2):
                                           Mitigation: Enhanced / Automatic IBRS, IBPB:
                                           conditional, RSB filling, PBRSB-eIBRS: SW
                                           sequence
srbds:
                                           Not affected
tsx_async_abort:
                                           Not affected
run-level 5 Jun 22 18:34
SPEC is set to: /mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017
                              Used Avail Use% Mounted on
   Filesystem
                        Size
   /dev/nvme0n1p1 ext4
                        3.6T 698G 2.8T 21% /mnt/seconddrive
From /sys/devices/virtual/dmi/id
             System76 FH 75 01/25/2024
    BIOS:
    Vendor
             System76
    Product: Thelio Mira
    Product Family: Z790 MB
Cannot run dmidecode; consider saying (as root)
   chmod +s Xusr/sbin/dmidecode
End of data
             from sysinfo program)
```

Compiler Version Notes

```
C | 502.gcc_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper

Target: x86_64-linux-musl

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
```

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Compiler Version Notes (Continued)

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lri-md64-baseline-32
- --with-pkgversion=LFI

Thread model: posix

Test Sponsor:

Tested by:

Supported LTO compression algorithms: zlib xstd

gcc version 13.2.0 (LFI) specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/50lgcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

| 505.mcf_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/ipternal-x86_64-linux-musl-gcc

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin ./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl

Configured with: ../gcc/configure --tanget=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared

- --enable-languages=c,c++)fortran --enable-lto
- --prefix=/home/zyeddia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
- --with-pkgversion LTV

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI) specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

| \$25.x264_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/Opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc

COLLECT_LTQ_WRAPFER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper Target x86_84-linux-musl

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
- --with-pkqversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build_base_lfi-gcc-baseline-32-m64.0000'

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Compiler Version Notes (Compiler Version Notes (Compil

complier version roves (continued)
C 557.xz_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++,fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib istd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfl/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 502.gcc_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/code/seguecg root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 505 mcf_x(base pass)
specmake[1] Entering directory mnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 525.x264_r(base pass)
specmake 1: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
======================================
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'</pre>
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Software Availability:

C 502.gcc_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexek/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configure)target=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++,fortran -enable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib tstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-roof/segue_lfi/spec2017/panchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 505.mcf_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with/gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared endble-languages=2,c++,fortranenable-lto pusfix=\home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 -with-pkgversiok=LFI Thread model posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1] Leaving directory '/mnt/seconddive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 525.x264_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl
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Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lf//toolchain/lfi-gcc/lfi/amd64-baseline-32 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x 64_r/build/build_base_lfi-gcc-baseline-32-m64.0000' | 557.xz_r(base pass 🏈 Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline_32xbin/4nternal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline 32/bjn/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-mus/ Configured with: ../gcc/configure -target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages-c, c++, fortran --enable-lto --prefix=/home/zyeoidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 --with-pkgversion=LFV Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000' ----502.gcc_r(base pass) specmake[1]: Entering directory '/mnd/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000' 505.mcf_r(base pass) specmake[1]: Entering directory '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000' ______ | 525.x264_r(base pass)

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Tested by: Compiler Version Notes (Continued) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/bulld/build-base_lfi-gcc-baseline-32-m64.0000' | 557.xz_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchsec/CPU/557 build/build_base_lfi-gcc-baseline-32-m64.0000' | 502.gcc_r(base pass Ø7 Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline_32xbin/4nternal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bjn/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-mus/ Configured with: ../gcc/configure -tat/get=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages-c, c++, fortran --enable-lto --prefix=/home/zyeoidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 --with-pkgversion=LFT Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000' ·----| 505.mcf_r(base pass 0) Using built-in specs. COLLECT_SCC=/cpt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRXPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory

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Hardware Availability: Software Availability:

Compiler Version No

Compiler version Notes Continued)
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 525.x264_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin internal x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget*x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++fortran /-enable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: xlib xstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue/lhi/spec29/l/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
Using built-in specs. COLLECT_GCC=/opt/lfi amd64_baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrap/disable-libsspdisable-multilibdisable-shared enable-languages-c,c++,fortranenable-lto -prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO_compression algorithms: zlib zstd gcc version /3.2.0 (LFI) specmake 11: Leaving directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 502.gcc_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

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SPECrate®2017_int_peak Not Run

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C 505.mcf_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPN/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 525.x264_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/seguelfi/sped/OTV/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 557.xz_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lki/spec2/ // benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 502.gcc_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages-c,c++,fortranenable-lto -prefix=/home/z/edidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake 11: Leaving directory
'/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 505.mcf_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
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SPECrate®2017 int_ **Y**ot Run

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Software Availability:

```
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib -disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip/zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2N7/benchapecXPU/505/mdf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64_baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi/mmd64.baseline-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-mus1
Configured with: ../gcc/conf/gure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap(--disable-libssp --disable-multilib --disable-shared
  --enable-languages=c\c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: bosix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[/]: Leaving directory
 '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
      557.xzr(base pass 0)
Using built-in specs.
COLLECT GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: 186_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
```

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SPECrate®2017 int_ Not Run

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Compiler Version Notes

Page 14 Standard Performance Evaluation Corporation (info@spec.org) https://www.spec.org
(Continued on next page)
Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)
prelix=/nome/zyedidia/programming/111/toolchain/111-gcc/111-amd64-baseline-32with-pkgversion=LFI Thread model: posix
enable-languages=c,c++,fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
disable-bootstrapdisable-libsspdisable-multilibdisable-shared
Target: x86_64-linux-musl Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Using bullt-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
Using built-in specs.
C 502.gcc_r(base pass 0)
'/mnt/secondarive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
specmake[1]: Entering directory
C 557.xz_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/segueca-root/segue-lf1/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 525.x264_r(base pasa)
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec/Q17/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
specmake[1]: Entering directory
C 505.mcf_r(base pass
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchtpec/CPU/502 gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
specmake[1]: Entering directory
C 502.gcc_r(base pass)
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
specmake[1]: Leaving directory
Compiler version rough Continued /

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Hardware Availability: Software Availability:

```
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    | 505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bih/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-bese ine-32/bin\lambda./libexectgc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-12nux-musl --disable-docs
  --disable-bootstrap --disable-libes --disable-multilib --disable-shared
  --enable-languages=c,c++/fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguegg-root/segue-lfi/apec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    | 525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amdo4 baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64 linux-musl
Configured with: ../goc/configure --target=x86_64-linux-musl --disable-docs
  --disable bootstrap --disable-libssp --disable-multilib --disable-shared
   -enable languages=c,c++,fortran --enable-lto
  --grefix=/home/2yedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  -with-pkgversion=LFI
Thread model: posix
Supported LT compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake [1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
______
 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
                                      (Continued on next page)
```

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```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gc/x66_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl -d/sable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/Yfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/seque-lfi/speck017Xpenchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    | 502.gcc_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-royy/segue-lfixspec2017)benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000
                                    <del>|</del>-----
------
    | 505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
          (x264)r(base pass )
             Entering directory
  , unt/secondoxive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000
      557.xz/r(base pass )
specmake [1]: Entering directory
 '/mnt/seconddrive/Code/sequecq-root/seque-lfi/spec2017/benchspec/CPU/557.xz r/build/build base lfi-qcc-baseline-32-m64.0000'
______
 502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
                                      (Continued on next page)
```

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Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gc/x66_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl -d/sable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/Yfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec_017/henchspec_/CPU/502_scc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    | 505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32)bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfitand64/baselineA32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus
Configured with: ../gcc/configure) -- target=x86_64-linux-musl -- disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c\c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/secondrive/Code seguerg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
 525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCG=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LT WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
                                    (Continued on next page)
```

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gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/bulld/bulld-pase_lfi-gcc-baseline-32-m64.0000'
C 557.xz_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal_x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/\libexsc/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configure -/target=x86_64-linux-musldisable-docs disable-bootstrapdisable-libssp -disable-multilibdisable-shared enable-languages=c,c++,fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix
Supported LTO compression algorithms: 21ib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecy-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
<pre>specmake[1] Entering directory '/mnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'</pre>
<pre>specmake[1]: Entering directory '/mnb/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000'</pre>
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'</pre>
C 557.xz_r(base pass)
(Continued on next page)

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Hardware Availability: Software Availability:

(
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 502.gcc_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal_x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/\libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configure -/target=x86_64-linux-musldisable-docsdisable-bootstrapdisable libssp -disable-multilibdisable-sharedenable-languages=c,c++,fortranenable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: allb zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecy-root/segueclfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 505.mcf_r(base pase 0)
Using built in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO WRAPPER=\opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Farget
C 525.x264_r(base pass 0)
Using built-in specs.
(Continued on next page)

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Hardware Availability: Software Availability:

```
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-qcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gccxx86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp 🖊 disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable ltd
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorathms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/seguelfi/sped/OTV/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi amd6 baseline 32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux/musl
Configured with: .. /gcc/configure -- target = x86_64-linux-musl -- disable-docs
  --disable-bootstrap \disable-libssp --disable-multilib --disable-shared
  --enable-languages=c, c++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/conddrlve/Code/segyecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
   50% gcc r(base pass )
specmake 1 /: Entering directory
 '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/sequecg-root/seque-lfi/spec2017/benchspec/CPU/505.mcf r/build/build base lfi-gcc-baseline-32-m64.0000
```

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SPECrate[®]2017_int_base = 3.01

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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Test Date: Jun-2024 Hardware Availability:

Software Availability:

```
_____
    525.x264_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPN/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    557.xz_r(base pass)
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue lfi/sper/20N/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32 bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi amd6 baseline 32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux musl
Configured with: .. /gcc/configure -- target = x86_64-linux-musl -- disable-docs
  --disable-bootstrap \disable-libssp --disable-multilib --disable-shared
  --enable-languages=c, c++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/conddrive/Code/segyecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
   505, mcf, \Upsilon(base pass 0)
Using bullt-in specs.
COLLECT_dC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
                                    (Continued on next page)
```

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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base = 3.01

SPECrate®2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/CPU/505.mcf_r/build/build/base_lfi-gcc-baseline-32-m64.0000'
______
  525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal/k86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/,/libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-1to
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression algorithms; flib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecy
                       root/seg
                             e-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    | 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/Ort/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-gcc
COLLECT/LTO WRAPPER /opt/2fi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target x86_64-linux musl
Configured with: . //gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
   -enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgyersion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
______
    502.gcc_r(base pass )
```

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Tested by:

SPECrate®2017_int_base = **3**.01

SPECrate®2017\sint_ **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (

Compiler version rotes Continued)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 505.mcf_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/509 mcf_r/build/build_base_lfi-gcc-baseline-32-m64.0000
C 525.x264_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C 557.xz_r(base pass
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguedgroot/segue-lf1/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 520.omnetpp_r(base pass 0)
Using built-in specs.
COLLECT GC-/ort/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT LTO WRAPPER Opt 1 amd 64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target x86_64-linux musl
Configured with: .//gcc/configuretarget=x86_64-linux-musldisable-docs
disable-bootstrapdisable-libsspdisable-multilibdisable-shared -enable-languages=c,c++,fortranenable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
with-pkgyersion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 523.xalancbmk_r(base pass 0)
(Continued on next page)

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Tested by:

SPECrate®2017_int_base = **3**.01

SPECrate®2017 int_ **N**ot Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation My Corporation Test Date: Jun-2024

Hardware Availability: Software Availability:

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-Linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/xb6_64 lifex-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl)
                                                                   -disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-Ito
  --prefix=/home/zyedidia/programming/lfi/roolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
                                        zlib zstd
Supported LTO compression algorithms;
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/seque_fi/spec2017/benchspecXCPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd(4) baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opy/\fi-amd64\base\ine-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: .../gct/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c, c++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake(1) Leaving directory
  /unt/secondanive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000
      541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
```

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Test Sponsor:

Tested by:

SPECrate®2017_int_base = $\mathbf{z}.01$

SPECrate®2017 int **∜**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/berchspec_XPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000' C++ | 520.omnetpp_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segne-lfi/spec2017/bonchspecXCPU/520.ometpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000' | 523.xalancbmk_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-fi/spec2017/ben nspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000' specmake[1]: Entering directory oct/ egue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000' (leela_r(base pass) Entering directory specmake[1] , unt/secondaxive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000 520.om/etpp_r(base pass 0) Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 --with-pkgversion=LFI

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Tested by:

SPECrate[®]2017_int_base = 3.01

SPECrate®2017 int **∜**ot Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability:

```
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/behcmspec/QPU/520.omnetpp_r/build/byild_base_lfi-gcc-baseline-32-m64.0000'
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32\bin/internal/x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amg64-baselige-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl /
Configured with: ../gcc/configure -target x86/64-linux-musl --disable-docs
  --disable-bootstrap --disable-Nibssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-1to
  --prefix=/home/zyedidia/programming/lfi//toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (ZTI)
specmake[1]: Leaving
                     director
 '/mnt/seconddrive/Code/seguecg-r
                         /seque-lki/spec2017/benchspec/CPU/523.xalancbmk r/build/build base lfi-qcc-baseline-32-m64.0000
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/optXlf1-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT/TTO_WRAPPER=/dpt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: /../gcc/configure --target=x86_64-linux-musl --disable-docs
   -disable-bopystrap --disable-libssp --disable-multilib --disable-shared
  --enable-larguages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
______
C++ | 541.leela_r(base pass 0)
```

SPEC CPU® 2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation

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SPECrate[®]2017_int_base = **3**.01

SPECrate®2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation Tested by: My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux/musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-l/nux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs
disable-bootstrapdisable-libsspdisable-multilibdisable-shared
enable-languages=c,c++,fortranenable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi/-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: alib astd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lhi/spec2017/benchapec/C7U/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 520.omnetpp_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecgroot/segue-\fi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
AAA
C++ 523.xalancbmk_r(base pass)
specmake[1]: Entering directory
'/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
\
C++ 531.deepsjeng_r(base pass)
\\\
specmake[1]: Entering directory
'/mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 541.leela_r(base pass)
specmake[1]: Entering directory
'/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 520.omnetpp_r(base pass 0)
(Continued on next page)
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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base =

SPECrate®2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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My Corporation

Test Date: Jun-2024

3.01

Hardware Availability: Software Availability:

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64_linux/musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bink../libexec/gcc/x86_64-1/nux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchalm/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: xlib xstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving diredroxy
 '/mnt/seconddrive/Code/seguecg-root/segue-17/spec2017/benchspec/CPP/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ | 523.xalancbmk_r(base pass
Using built-in specs.
COLLECT_GCC=/opt/lfi/amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/optxlfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with / (./gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages-c.c++\fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgyersion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[N: Leaving directory
 /mnt/seconddrive/Code/geguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
_____
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
```

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SPECrate[®]2017_int_base = 3.01

SPECrate®2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

--with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/KPU/51.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000' C++ | 541.leela_r(base pass 0) Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/baseline/32/bln/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-ard64_baseline-32\bin\./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (TFI) specmake[1]: Leaving director '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000' ------520 omnetpp_r(base pass) specmake[1]: Entering directory '/mnt/sconddrive/Code/segus-g-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000' 523 xalancbmk r(base pass) specmake 11: Entering directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000 531.deepsjeng_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/sequecq-root/seque-lfi/spec2017/benchspec/CPU/531.deepsjeng r/build/build base lfi-gcc-baseline-32-m64.0000'

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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base = 3.01

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

Hardware Availability: Software Availability:

C++ 541.leela_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPD/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 520.omnetpp_r(base pass 0
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/baseline/32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++/fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO compression alsorithms: zlib zstd gcc version 13.2.0 (DFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/sequecg-row/seque-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 523 xalancbmk_r(base pass 0)
Using burlt-in specs. COLLECT_GCC=\opt/lfi amd64-baseline-32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO WRAPPER=\opt/lfi-amd64-baseline-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs disable-botstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++,fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with/pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
(Continued on next page)

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SPECrate[®]2017_int_base = 3.01

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

```
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/b/nxinternal-x86_64-hinyx-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/. /libexec/gcc/x86_64/linux-musl/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure --target 506 64 linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
 --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms
                                     zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spac201%benchspec/CFU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
                                        C++ | 541.leela_r(base pass 0
Using built-in specs.
COLLECT_GCC=/opt/lf1-and64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER_/opt/lti-amd64 baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-1inux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  /unt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
_____
    | 520/omnetpp_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
______
C++ | 523.xalancbmk_r(base pass )
```

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Test Sponsor:

Tested by:

SPECrate®2017_int_base = 3.01

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation

Test Date: My Corporation

Hardware Availability: Software Availability:

Jun-2024

```
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_Xbuild_base_lfi-gcc-baseline-32-m64.0000'
C++ | 531.deepsjeng r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    | 541.leela_r(base pas
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec
                                               CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
                                          C++ | 520.omnetpp_r(base pass/0)
Using built-in specs.
COLLECT_GCC=/opt/lf1-and64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lti-amd64 baseline-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-1inux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  /unt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000
_____
C++ | 523/xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
                                     (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.01

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

```
Compiler Version Notes (Continued)
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zl/b zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec
                                                \U.\523.\alancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bit/..//ibexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure -target= 86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssq --disable-multilib --disable-shared
  --enable-languages=c,cff,fortran --enable-lto
--prefix=/home/zyedidia/proframming/fi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2,0 (LFT)
specmake[1]: Leaving directory
 '/mnt/seconddrive/code/seguecg-rect/aegue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
    541 (leela_r(base pass 0)
Using built in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Taxget x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-pootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --pref; 🗶 = /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
```

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SPECrate[®]2017_int_base = 3.01

SPECrate®2017 int **∜**ot Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability: **Tested by:** My Corporation Compiler Version Notes (Continued) C++ | 520.omnetpp_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/behcmspec/QPU/520.omnetpp_r/build/byild_base_lfi-gcc-baseline-32-m64.0000' C++ | 523.xalancbmk_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201/7/benchspec/SPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000 C++ | 531.deepsjeng_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-fi/spec2017/berckspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000 specmake[1]: Entering directory '/mnt/seconddrive/code/seguecg-sock/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000' | 520 omnetpp_r(base pass 0) Using built in specs COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Taxget x86_64-1/inux-musl Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-pootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --pref; 🗶 = /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

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SPECrate[®]2017_int_base =

SPECrate[®]2017 int peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation Test Date: Jun-2024 Hardware Availability:

3.01

Software Availability:

```
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/pin/internal-x86_64-1jpux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin ./hibexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain//fi-gcc/lfi-amd64-baseline-32
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression angorithms: zhib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/beachspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ | 531.deepsjeng_r(base)pass 0
Using built-in specs.
COLLECT_GCC=/opt/lfi-and64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER \opt/lf \amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/xyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mntxseconddrive/gode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ \mid 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
```

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SPECrate[®]2017_int_base = 3.01

SPECrate®2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-baseline-32
- --with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlik zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benc4spec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPD/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

C++ | 523.xalancbmk_r(base pass)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/segue/groot/segue-li/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

C++ | 531.deepsjeng_r(base pass)

specmake[1]: Entering directory

'/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

,--\-----

specmake[1]: Entering directory

'/mn/\seconddrivek.code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

C++ | 520.omnetpp_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper

Target: x86_64-linux-musl

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs

--disable-bootstrap --disable-libssp --disable-multilib --disable-shared

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SPECrate®2017_int_base = 3.01

SPECrate®2017 int **Y**ot Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
--enable-languages=c,c++,fortran --enable-lto
```

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-baseline-32

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: z zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bencharec/CPU/520.ommetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

C++ | 523.xalancbmk r(base pass 0)

Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin///libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper

Target: x86_64-linux-musl

Configured with: ../gcc/configure --target/=x86_64-linux-musl --disable-docs

--disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --mable-lto

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32

--with-pkgversion=ZTI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg_root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

31 deeps jeng_r base pass 0)

Using built-in spees.

COLDECT_GCC=Xopt/1fi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++

CONLECT_LTO_WRAPPEX=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper

Target: x86_64 linux-musl

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs

--disable-bootstrap --disable-libssp --disable-multilib --disable-shared

--enable-languages=c,c++,fortran --enable-lto

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/sequecq-root/seque-lfi/spec2017/benchspec/CPU/531.deepsjeng r/build/build base lfi-gcc-baseline-32-m64.0000'

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SPECrate[®]2017_int_base = 3.01

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Sponsor: My Corporation **Tested by:** My Corporation

Test Date: Jun-2024 Hardware Availability:

Software Availability:

C++ 541.leela_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/ /libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget x86_64 linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multiflibdisable-shared enable-languages=c,c++,fortranenable-lto prefix=/home/zyedidia/pxogramming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zsta gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-Mi/spec201/benckspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 520.omnetpp_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000' </pre>
C++ 523.xalandbmk_r(base pass) specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguerg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
specmake 11: Entering directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ 541.leela_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'</pre>
(Continued on next page)

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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base = 3.01

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024 Hardware Availability: Software Availability:

```
C++ | 520.omnetpp_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/biny___libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable(-1)bssp --disable-multi/lib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zsta
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lki/spec2017/bench/spec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'
C++ | 523.xalancbmk_/(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPEER=/opt/lfi/amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bookstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyed?dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcs version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrivg/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
                                     (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.01

SPECrate[®]2017 int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lhi-md64-baseline-32
- --with-pkgversion=LFI

Thread model: posix

Test Sponsor:

Tested by:

Supported LTO compression algorithms: zlib xstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deapsjeng_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

.------

C++ | 541.leela_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64-baseline-32/bin/internal-x86_64-linux-musl-g++

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline-3%/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper

Target: x86_64-linux-musl

Configured with: ../gcc/onfigure --target=x86_64-linux-musl --disable-docs

- --disable-bootstrap --disable-multilib --disable-shared
- --enable-languages=c,c++)fortran --enable-lto
- --prefix=/home/zyeddia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-32
- --with-pkgversion TFL

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13/2.0 (DFI)
specmake[1]: Leaving directory

'/mnt/seconddy-Ive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

·------

 $C++ \mid 520.0$ omnetpp_r(base pass)

specmake[1]: Entering directory

'Nunt/seconddrive/Cpde/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

----\---\---\---

 $C++ \mid 523$ xalancbmk_r(base pass)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

C++ | 531.deepsjeng_r(base pass)

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Test Sponsor: My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_Xbuild_base_lfi-gcc-baseline-32-m64.0000'

Gu | 541 loolo m(hogo nogg)

C++ | 541.leela_r(base pass)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541 leela_r/build/build_base_lfi-gcc-baseline-32-m64.0000'

Base Unknown Flags

502.gcc_r: "/opt/lfi-amd64-baseline-32\bin/x86\64\finux-musl-" (in CC)

"/opt/lfi-amd64-baseline-32/bin/x86_64-linux-musl-" (in LD)

"-fwrapv" (in PORTABILITY)

"-fomit-frame-pointer" (in OPTIMIXE)

505.mcf_r: "/opt/lfi-amd64-baseline_32xbin/x86_64-linux-musl-"(in CC)

"/opt/lfi-amd64-baseline 32/bin/x86_64-linux-musl-" (in LD)

"-fomit-frame-pointer"(in OPTIMIZE)

520.omnetpp_r: "/opt/lfi-and64-baseline-32/bin/x86_64-linux-musl-" (in CXX)

"/opt/lfi-amd64_baseline 32/bin/x86_64-linux-musl-"(in LD)

"-D_LARGEFILE64_SOURCE"(in PORTABILITY)

"-fomit-frame-pointer"(in OPTIMIZE)

523.xalancbn/k_r:"/opt/lfi-amd64-baseline-32/bin/x86_64-linux-musl-"(in CXX)

/opt/lfilamd64-baseline-32/bin/x86_64-linux-musl-"(in LD)

-fomit-frame-pointer (in OPTIMIZE)

525x264_r: "opt lfi_amd64-baseline-32/bin/x86_64-linux-musl-" (in CC)

'VoptVlfi-amd64-baseline-32/bin/x86_64-linux-musl-"(in LD)

"-fcommon" (in PORTABILITY)

"-fomit-frame pointer" (in OPTIMIZE)

531.deepsjeng_x: "/opt/lfi-amd64-baseline-32/bin/x86_64-linux-musl-" (in CXX)

"/opt/lfi/amd64-baseline-32/bin/x86_64-linux-musl-" (in LD)

"-fomit-frame-pointer" (in OPTIMIZE)

541.leela_r: "/opt/lfi-amd64-baseline-32/bin/x86 64-linux-musl-" (in CXX)

"/opt/lfi-amd64-baseline-32/bin/x86_64-linux-musl-"(in LD)

"-fomit-frame-pointer" (in OPTIMIZE)

557.xz_r: "/opt/lfi-amd64-baseline-32/bin/x86_64-linux-musl-"(in CC)

"/opt/lfi-amd64-baseline-32/bin/x86_64-linux-musl-" (in LD)

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Base Unknown Flags (Continued)

557.xz_r (continued):

"-fomit-frame-pointer" (in OPTIMIZE)

Base Compiler Invocation

C benchmarks (except as noted below):

gcc

C++ benchmarks:

g++

Base Portability Flags

502.gcc_r: -DSPEC_LP64
505.mcf_r: -DSPEC_LP64
520.omnetpp_r: -DSPEC_LP64
523.xalancbmk_r: -DSPEC_LP64
525.x264_r: -DSPEC_LP64
531.deepsjeng_r: -DSPEC_LP64

541.leela_r: -DSPEC_LP64 557.xz_r: -DSPEC_LP64

Base Optimization Flags

C benchmarks:

502.gcc r:-std=c99/-03 -flto -fno-strict-aliasing -fgnu89-inline

505.msf_r: Same as 502.gcc_r

525.x264_r: same as 502.gcc_r

557.xz_r: Same as 502.gcc_r

C++ benchmarks:

-std=c++03 -O3 -flto

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Test Date: Jun-2024 Hardware Availability:

Software Availability:

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