SPEC CPU®2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation My Corporation SPECrate®2017_int_base = **3**.30 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 3.00 500.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 (3.30) Hardware Software CPU Name: 13th Gen Intel Core i9-1/3900KS OS: Ubuntu 22.04.4 LTS Max MHz: 6.8.0-76060800daily20240311-generic Nominal: Compiler: C/C++/Fortran: Version 7.2.1 of GCC, the cores, 1 chip, threads/core Enabled: **GNU** Compiler Collection Orderable: Parallel: Cache L1: Firmware: L2: File System: ext4 L3: System State: Run level 5 (add definition here) Other: Base Pointers: 64-bit

Errors

Peak Pointers:

Power Management: --

Other:

Not Applicable

'reportable' flag not set during run

541.leela_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

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

548.exchange2 r (base) did not have enough runs!

505.mcf_r (base) did not have enough runs!

500.perlbench_r (base) did not have enough runs!

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

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

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

557.xz r (base) did not have enough runs!

(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)

https://www.spec.org/

Memory:

Storage:

Other:

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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							Peak		-	
Benchmark	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
500.perlbench_r								1/7						
502.gcc_r	1	<u>399</u>	3.55											
505.mcf_r	1	<u>360</u>	4.40											
520.omnetpp_r	1	<u>585</u>	2.24				<i>n</i>							
523.xalancbmk_r	1	<u>247</u>	<u>4.28</u>				/							
525.x264_r	1	<u>271</u>	<u>6.47</u>											
531.deepsjeng_r	1	<u>399</u>	2.87	/		1								
541.leela_r	1	<u>694</u>	<u> 238</u>											
548.exchange2_r			7		\J^\	1								
557.xz_r	1	<u>518</u>	2.09	()										

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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/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 Wed Jun 12 23:58:53 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

183 1 24

1 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: L1d cache: Lli cache: L2 cache:

L3 cache: NUMA node(s): NUMA node0 CPU(s):

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

896 KiB (24 instances) 1.3 MiB (24 instances) 32 MiB (12 instances)

36 MiB (1 instance)

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

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VT-x

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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
                     1660532
   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
   #202403110203~1713206908~22.04~3a62479~dev-Ubuntu SMP PREEMPT_DY x86_64 x86_64 x86_64
   GNU/Linux
Kernel self-reported vulnerability status:
```

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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 May 12 16:41
SPEC is set to: /mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017
   Filesystem
                        Size
                              Used Avail Use% Mounted on
   /dev/nvme0n1p1 ext4
                        3.6T 695G 2.8T 20% /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/bin/internal-x86_64-linux-musl-gcc

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-goc/lfi/md64-baseline
- --with-pkgversion=LFI

Thread model: posix

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/bendnspec/CPU/502.gcc/r/build/build_base_lfi-gcc-baseline-m64.0000'

| 505.mcf_r(base pass 0)

Using built-in specs.

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

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-base inexbin/. //libexec/gcc/x86_64-linux-mus1/13.2.0/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++)-fenable-lto
- --prefix=/home/zyedldia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
- --with-pkgversion TY

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/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'

| \$25.x264_r(base pass 0)

Using built-in specs.

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

COLLECT_LTQ_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/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++ --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
- --with-pkqversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000" and the condition of the conditio$

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Compiler Version No

Compiler version Notes Continued)
C 557.xz_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ -enable-lto prefix=/home/zyedidia/programmipg\lff\toolchain/lfi-gcc/lfi-amd64-baseline 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-rod/segue-lhi/spec20ll/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
C 502.gcc_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/code/seguecy-rodt/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C 505 mcf_x(base pass)
specmake[1] Entering directory Amnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000
C 525.x264_r(base pass)
specmake[//]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'

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```
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure) -- target = x86_64-11 nux-musl -- disable-docs
  --disable-bootstrap --disable-Tibssp --disable-myltilib --disable-shared
  --enable-languages=c,c++ --enable-1to
  --prefix=/home/zyedidia/programmi/g/lfl/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms; zlib
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lri/spec201//benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                  <del>|</del>------
| 505.mcf_r(base pass 0)
Using built-in *pecs.
COLLECT_GCC=/oot/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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-boots rap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=2,c++ --enable-lto
  --purix=Xhome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
   -with-pkgversion=LFI
Thread model posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]:/Leaving directory
 '/mmt/secondd/ive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
  525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
```

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```
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lf//toolchain/lfi-gcc/lfi/amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-(fi/spec2017/beachspec/CPU/525
                                                     x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
    | 557.xz_r(base pass 🏈
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64 baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus/
Configured with: ../gcc/configure -talget=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-nultilib --disable-shared
  --enable-languages c, c++ --enable-1to
  --prefix=/home/zyeoidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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-m64.0000'
 .----
    | 502.gcc_r(base pass )
specmake[1]: Entering directory
 '/mm\seconddrivs/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
    | 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-m64.0000'
______
  | 525.x264_r(base pass )
```

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Software Availability: Tested by: My Corporation Compiler Version Notes (Continued) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build/build/buse_lfi-gcc-baseline-m64.0000' | 557.xz_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/benckspec/CPU/55 r/build/build_base_lfi-gcc-baseline-m64.0000' | 502.gcc_r(base pass 107 Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64 baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-mus/ Configured with: ../gcc/configure -talget=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-nultilib --disable-shared --enable-languages c, c++ --enable-1to --prefix=/home/zyeoidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --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-m64.0000' ·----/~--/------505.mcf_r(base pass 0) Using built-in specs. COLLECT_SCC=/fft/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT LTO_WBAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory (Continued on next page)

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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-m64.0000'
C 525.x264_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++/anable/itoprefix=/home/zyedidia/programming/lki/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: xlib vstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-rook/segue-Nfi/spec/N14/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
Using built-in specs. COLLECT_GCC=/opt/lfi amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++enable-lto -prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline 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/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-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-m64.0000'

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SPECrate®2017_int_base = 3.30

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Date: Jun-2024

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

Hardware Availability: Software Availability:

C 505.mcf_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/GPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C 525.x264_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spt/2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C 557.xz_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec/0/1/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
C 502.gcc_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO wrapper=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x66_64-linux-musl Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared erable-languages=c,c++enable-lto
-prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
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-m64.0000'
'
C 505.mcf_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
(Continued on next page)

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Page 13

SPECrate[®]2017_int_base =

SPECrate[®]2017 int_peak Not Run

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Test Date: Jun-2024 Hardware Availability:

3.30

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Software Availability:

Compiler Version Notes (Continued)

```
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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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/spec2017/benchspec/CPU/505
                                                       mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64_baseline/bin/thternal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi/amd64-baseline/pin/../libexec/gcc/x86_64-linux-musl/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++ -\enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: bosix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[/]: Leaving directory
 '/mmt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
      557.xzr(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_MRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
                                     (Continued on next page)
```

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SPECrate[®]2017_int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued) specmake[1]: Leaving directory '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_nkbuild_base_lfi-gcc-baseline-m64.0000' 502.gcc_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bendpspec/CPU/502.gcc/r/build/build_base_lfi-gcc-baseline-m64.0000 505.mcf_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfixspecx017/bench*pec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000' | 525.x264_r(base pass) specmake[1]: Entering director '/mnt/seconddrive/Code/seguedrive/root/seg "ue-lti/spec2017/benchspec/CPU/525.x264 r/build/build base lfi-gcc-baseline-m64.0000 | 557.xz_r(base pass specmake[/]: Entering directory '/mnt/seconddrive/Sode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000' 502.gcc_r(base pass 0) Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_MRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --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_peak **Not Run**

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

Software Availability:

```
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
    505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/binV.\/libexec/gcc/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++-enable-lto
  --prefix=/home/zyedidia/programming/lfiXtoolchain/lfi-gcc/lfi-amd64-baseline
  --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)segte-lfi\spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
    | 525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCC-/opt/lfi-amd64 baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64 lihux-musl
Configured with: ../ggc/configure --target=x86_64-linux-musl --disable-docs
  --disable bootstrap --disable-libssp --disable-multilib --disable-shared
   -enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  -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-m64.0000'
______
 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
```

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Tested by:

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SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

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Hardware Availability: Software Availability:

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper Target: x86_64-linux-mus1 Configured with:/gcc/configuretarget=x86_64-linux-mus1 -d/sable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++enable-lto/ prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline 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/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
C 502.gcc_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-redt/segue-lin/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
C 505.mcf_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/code/seguecy-rodt/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C 525 x264 r(base pass)
specmake[1]: Entering directory \mnt/secondorive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
C 557.xz_r(base pass)
specmake 1: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
(Continued on next page)

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SPECrate[®]2017_int_base = 3.30

SPECrate[®]2017 int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/goc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-muşl -d/sable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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/spec201%/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
    505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd/4-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfitamd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-must )
Configured with: ../gcc/configure -target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable Tibssp --disable-multilib --disable-shared
  --enable-languages=c\c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Deaving directory
 '/mmt/seconddrive/Code\segue-g-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
 525.x264 (base pass 0)
Using built-in specs.
COLLECT_GCG=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LT//_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
```

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Tested by:

SPECrate®2017_int_base = 3.30

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:

<pre>gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/baild/baild_base_lfi-gcc-baseline-m64.0000'</pre>
C 557.xz_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86.64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++enable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=LFI Thread model: posix
Supported LTO compression algorithms: allb zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguerg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
<pre>specmake[1] Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
<pre>specmake[1]: Entering directory '/mnt/seconddrive Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-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-m64.0000'</pre>
C 557.xz_r(base pass)
(Continued on next page)

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

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SPECrate®2017_int_base = **3**.30

SPECrate®2017\sint_ **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

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Test Date: Jun-2024 Hardware Availability:

Software Availability:

Compiler Version Notes (

Compiler Version Notes (Continued)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build/base_lfi-gcc-baseline-m64.0000'
C 502.gcc_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./Nibexec/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++enable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: allb zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seggetg-root/segge-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
C 505.mcf r(base pase 0)
Using built in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc COLLECT_UTO_WRAPTER=Yopt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target / x16_64-linux-musl Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++enable-ltoprafix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith pkgversion=LFI Thread model posix Supported ITO 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-m64.0000'
C 525.x264_r(base pass 0)
Using built-in specs.
(Continued on next page)

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SPECrate[®]2017_int_base \(\square 3.30

SPECrate[®]2017 int_peak Not Run

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

Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-116nux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline
  --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/segueclfi/spar2017/beachspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bis/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfl-amdfl-baseling/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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/segecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
   ___________
      50% gcc *(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-m64.0000'
    505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/sequecq-root/seque-lfi/spec2017/benchspec/CPU/505.mcf r/build/build base lfi-qcc-baseline-m64.0000'
```

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SPECrate[®]2017_int_base = 3.30

SPECrate®2017_int_peak Not Run

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Test Date: Jun-2024 Hardware Availability:

https://www.spec.org/

Software Availability:

Compiler Version Notes (Continued)

```
_____
        525.x264_r(base pass )
specmake[1]: Entering directory
   "/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/SpU/525.x264\_r/build/build\_base\_lfi-gcc-baseline-m64.0000" and the condition of the conditio
        557.xz_r(base pass )
specmake[1]: Entering directory
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spc2217/banchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bis/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfl-amdfl-baseling/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++ --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
    --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/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
      505, mcf, \Upsilon(base pass 0)
Using bullt-in specs.
COLLECT_dC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
    --with-pkgversion=LFI
Thread model: posix
                                                                           (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.30

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:

```
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/hencaspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
_______
     525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
    --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline
    --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/seguedgroot/segue
                                                                 lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
        | 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_QQC = \sqrt{\Lambda_C} + \Lambda_C = \Lambda_C
COLLECT_LTC_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
     --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
    --with-pkgyersion=LFI
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/557.xz\_r/build/build\_base\_lfi-gcc-baseline-m64.0000" and the condition of the condition 
______
        502.gcc_r(base pass)
```

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Test Sponsor:

Tested by:

SPECrate®2017_int_base = 3.30

SPECrate®2017_int_peak = Not Run

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Hardware Availability: Software Availability:

specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_rybuild/build_base_lfi-gcc-baseline-m64.0000'
C 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-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-m64.0000'
C 557.xz_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguers-root/segue-lri/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
Using built-in specs. COLLECT_GCC=/Opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++enable-lto prefix=/hcme/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
with-pkg/ersion=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-m64.0000'
C++ 523.xalancbmk_r(base pass 0)
(Continued on next page)

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Test Sponsor:

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SPECrate[®]2017_int_base = 3.30

SPECrate®2017_int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64 linex-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-lingx-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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/roolchain/lfi-gcc/lfi-amd64-baseline
  --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/segue_lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd(4)baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt(|fi-amd61-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LPI)
specmake(1) Leaving directory
  /unt/secondaxive/code/seyuecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000
      541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
```

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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:

Software Availability:

3.30

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/penshspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 520.omnetpp_r(base pass)
specmake[1]: Entering directory '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec/017/benchspec/CPU/520_ommetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 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-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-m64.0000'
C++ 541 leela_r(base pass)
specmake[1]: Entering directory 'Xmmt/secondarive\code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
Using buit-in specs.
COLLECT_ĞCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++enable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=LFI
(Continued on next page)

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SPECrate[®]2017_int_base = 3.30

SPECrate®2017 int **∀**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:

```
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/520.omnetpp_r/builh/build_base_lfi-gcc-baseline-m64.0000'
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-and64_baselne/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-hibssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (XI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-
                         "ot/segue-Mi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_dCC=/optXlf1-3md64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECTINO_WRAPPER=\ppt/lfi-amd64-baseline/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-boptstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/nome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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-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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Test Sponsor:

Tested by:

SPECrate®2017_int_base = 3.30

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:

Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bih/./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++enable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi/-gcc/lfi-amd64-baseline 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-Ni/spec2017/bendsspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 520.omnetpp_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/segued-root/seguelfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
specmake[1]: Entering directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C+ 531.deepsjeng_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C++ 520.omnetpp_r(base pass 0)
(Continued on next page)

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Page 28

SPECrate[®]2017_int_base = 3.30

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

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Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-1 nux-mu21-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lf/-gcc/lfi-amd64-baseline
  --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-li/spac2017/benchapec/gru/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 523.xalancbmk_r(base pass
Using built-in specs.
COLLECT_GCC=/opt/lfi/amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/\fi-amd\d-baseline/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++\--enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: Rosix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mm\seconddrive\Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
                                    (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.30

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:

```
--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-m64.0000'
C++ | 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-ma64-baseline/bin/./lipexec/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 --digable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (DFX)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code seguecg-hot/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
520 omnetpp_r(base pass )
specmake[1]: Entering directory
 '/mnt/sconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
   523 xalancbmk r(base pass )
specmake 11: Entering directory
 '/mnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-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-m64.0000'
```

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SPECrate®2017_int_base = **3**.30

SPECrate®2017 int_ Yot 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)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CRU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C++ 520.omnetpp_r(base pass 0())
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/baseline/bin/internal=x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++enable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (DFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code_meguecg-roat/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 523 xalancbmk_r(base pass 0)
Using burlt-in specs. COLLEGY_GCC=/opt/lfi/amd64-baseline/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO WRAPPER=/opt/lfi-amd64-baseline/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++enable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline 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-m64.0000'
(Continued on next page)

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SPECrate®2017_int_base =

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

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

3.30

Hardware Availability: Software Availability:

```
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bank...\libexec/gcc/x86_64/linux-musl/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure --target 306 64 linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
 --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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/spec20N/benchspec/PU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                       C++ | 541.leela_r(base pass 0
Using built-in specs.
COLLECT_GCC=/opt/lf1-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/li-amd64-baseline/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-must
Configured with: ../gcc.configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++--enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 18.2.0 (LFI)
specmake[1]: Leaving directory
 \text{mnt/seconddrive/gode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
_____
    52%.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-m64.0000'
______
C++ | 523.xalancbmk_r(base pass )
```

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My Corporation

Tested by:

SPECrate®2017_int_base = 3.30

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:

```
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbml/r/bulld/build_base_lfi-gcc-baseline-m64.0000'
C++ | 531.deepsjeng r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benckspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
    541.leela_r(base pass
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfixspec 2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                           C++ | 520.omnetpp_r(base pass 0)
Using built-in specs/.
COLLECT_GCC=/opt/lff-and64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/li-amd64-baseline/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-must
Configured with: ../gcc.configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++--enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 18.2.0 (LFI)
specmake[1]: Leaving directory
  /unt/seconddrive/doze/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000
_____
C++ | 523/xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
                                     (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.30

SPECrate®2017 int **∀**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)

```
--prefix=/home/zyedidia/programming/lfi/toolchain/Ni-gec/lfi-amd64-baseline
  --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/benchsp
                                              SPU/523 xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                                     C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/Daseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64 baseline/bin/../I/bexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure \taxget=\ 86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssq --disable-multilib --disable-shared
  --enable-languages=c,c// --enable-ltd
  --prefix=/home/zyedidia/proframming//fi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFX)
specmake[1]: Leaving directory
 '/mnt/seconddrive/gode/seguecg-rook segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
            | 541 (leela_r (base pass 0)
Using built in speas.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER/opt/lfi-amd64-baseline/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++ --enable-lto
  --pref // =/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
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/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
```

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SPECrate[®]2017_int_base = 3.30

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/benchspec/CPU/520.omnetpp_r/build_base_lfi-gcc-baseline-m64.0000' C++ | 523.xalancbmk_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segpe-lfi/spec2017/bonchspec CPU/523.xxlancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000' C++ | 531.deepsjeng_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/be hspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000' | 541.leela r(base specmake[1]: Entering directory '/mmt/seconddrive_code/seguecg_rook/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000' | 520 omnetpp_r(base pass 0) Using built in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER/opt/lfi-amd64-baseline/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++ --enable-lto --pref#=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --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-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:

3.30

Software Availability:

```
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux/musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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/spec 2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 531.deepsjeng_r(base) pass ()
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER_/opt/111-amd64-baseline/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++ --enable-lto
  --prefix=/home/xyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2,0 (LFI)
specmake[1]: Leaving directory
 '/mmd_seconddrive_code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ \mid 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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
                                    (Continued on next page)
```

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My Corporation

SPECrate[®]2017_int_base = 3.30

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++ --enable-lto
 --prefix=/home/zyedidia/programming/lfi/toolchain/lfi gcc/lfi-amd64-baseline
 --with-pkgversion=LFI
 Thread model: posix
 Supported LTO compression algorithms: z/ib zstd
 gcc version 13.2.0 (LFI)
 specmake[1]: Leaving directory
- '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benckspec/CPD/541 leela_r/build/build_base_lfi-gcc-baseline-m64.0000'

C++ | 520.omnetpp_r(base page)

specmake[1]: Entering directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-Ni/spec2017/benchspec/9PU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000" and the condition of the condit$

C++ | 523.xalancbmk_r(base pass)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/sper2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000

specmake[1]: Entering directory

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

specmake[1]: Entering directory

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

Using built-in specs.

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

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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 = 3.30

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:

Compiler Version Notes (Continued)

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

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

--with-pkgversion=LFI

Thread model: posix

Test Sponsor:

Tested by:

Supported LTO compression algorithms: zith 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-m64.0000'

C++ | 523.xalancbmk_r(base pass 0)

Using built-in specs.

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

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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, q++ -- nable-lt

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

--with-pkgversion=**LF**I

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

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

,------

C++ | \$31 deepsjeng_r/base pass 0)

Using built-in specs.

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

CONLECT LTO_WRAPPER=/opt/lfi-amd64-baseline/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++ --enable-lto

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

--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-m64.0000'

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SPECrate®2017_int_base = 3.30

SPECrate®2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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

Page 38

Test Date: Jun-2024 Hardware Availability:

https://www.spec.org/

Software Availability:

Compiler Version Notes (Continued)

C++ 541.leela_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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++enable-lto prefix=/home/zyedidia/pxogramming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline 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/seguelfi/spec2017/bent/hspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 520.omnetpp_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-rodt/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
specmake[1]: Entering directory '/mnt/seconddrive/Code/sequecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 531.deepsjeng_r(base pass)
specmake 11: Entering directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)

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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base = 3.30

SPECrate®2017 int **N**ot 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/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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-1)bssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/Mi/tolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zsta
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec20N/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 523.xalancbmk_/(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRADEER=/opt/lfl amd64-baseline/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-bookstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyed/dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkyversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcs version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seannddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/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 = 3.30

SPECrate[®]2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++ --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-goc/lfi/md64-baseline
- --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.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'

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

Using built-in specs.

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

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baselineXbin/.../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+)-fenable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
- --with-pkgversion TT

Thread model: posix

Supported LTO compression algorithms: zlib zstd

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

'/mnt/seconddrive/Code/seguecg-root/segue-1fi/spec2017/benchspec/CPU/541.leela_r/build/build_base_1fi-gcc-baseline-m64.0000'

·-----

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

specmake[1]: Entering directory

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

C++ | 52<mark>3/</mark>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-m64.0000

C++ | 531.deepsjeng_r(base pass)

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SPECrate[®]2017_int_base = 3.30

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)

specmake[1]: Entering directory

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

Guil 541 loolo m/bago paga

C++ | 541.leela_r(base pass)

specmake[1]: Entering directory

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

Base Unknown Flags

502.gcc_r: "/opt/lfi-amd64-baseline/bin/x86_64-lipux-musl-" (in CC)

"/opt/lfi-amd64-baseline/bin/x86_64-linux-mus1-" (in LD)

"-fwrapv" (in PORTABILITY)

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

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

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

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

520.omnetpp_r: "/opt/lfi-amd64-baseline/bin/x86_64-linux-musl-" (in CXX)

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

"-D_LARGEFILE64_SOURCE"(in PORTABILITY)

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

523.xalancbmk_r."/opt/lfi-amd64-baseline/bin/x86_64-linux-musl-"(in CXX)

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

'-fomit-frame-pointer (in OPTIMIZE)

525x264_r: " opt lfi-amd64-baseline/bin/x86_64-linux-musl-" (in CC)

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

"-fcommon" (in PORTABILITY)

"-fomit-frame pointer" (in OPTIMIZE)

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

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

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

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

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

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

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

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

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SPECrate®2017_int_base = 3.30

SPECrate®2017_int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

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

505.mef_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 -03 -flto

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SPECrate®2017_int_base =

SPECrate®2017_int_peak Not Run

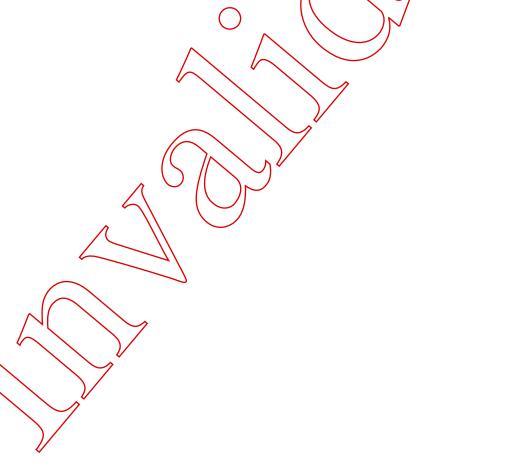
CPU2017 License: nnn (Your SPEC license number)

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

Test Date: Jun-2024

3.30

Hardware Availability: Software Availability:



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For questions about this result, please contact the tester. For other inquiries, please contact info@spec.org.

Tested with SPEC CPU*2017 v0.0.0 on 2024-06-12 23:58:53-0500.

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