

### **Errors**

Other:

Power Management: --

'reportable' flag not set during run

500.perlbench r (bose) did not have enough runs!

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

TB add more disk info here

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

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

523.xalancbmk\_r (base) did not have enough runs!

531.deepsjeng\_r (base) did not have enough runs!

502.gcc\_r (base) did not have enough runs!

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

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

525.x264\_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/

Storage:

Other:

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SPECrate<sup>®</sup>2017\_int\_base = 3.12

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:

### **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				$\Big)$				$\mathbb{N}$						
502.gcc_r	1	<u>458</u>	3.09											
505.mcf_r	1	<u>420</u>	3.85				$\overline{}$							
520.omnetpp_r	1	<u>510</u>	2.57				<i>^</i>							
523.xalancbmk_r	1	<u>284</u>	<u>3.72</u>				/							
525.x264_r	1	<u>281</u>	<u>6.22</u>											
531.deepsjeng_r	1	<u>424</u>	2.70	/										
541.leela_r	1	<u>720</u>	<u>2.30</u>											
548.exchange2_r			7		$\mathcal{N}^{\prime}$									
557.xz_r	1	<u>533</u>	2.03	( )										

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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 Sun Jun 23 02:27:08 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:
```

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```
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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Hardware Availability: Software Availability:

#### 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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Test Date: Jun-2024 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 692G 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/bin/internal-x86_64-linux-musl-gcc

COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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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CPU2017 License: nnn (Your SPEC license number)

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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-gc/lli/md64-16

--with-pkgversion=LFI Thread model: posix

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 XPU/5 2.gcc\_r/build/build\_base\_lfi-gcc-m64.0001'

| 505.mcf\_r(base pass )

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64/bin/internal-x86\_64-linux-musl-gcc

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64/bin/../lipexec/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-linux-musl --disable-shared

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

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16

--with-pkgversion LTL

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-m64.0000'

| \$25.x264\_r(base pass 0)

Using built-in specs.

COLLECT\_GCC=/Opt/lfi-amd64/bin/internal-x86\_64-linux-musl-gcc

COLLECT\_DTO\_WRAPPER=/opt/lfi-amd64/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-amd64-16

--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-m64.0000'

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

C C C C C C C C C C C C C C C C C C C
C   557.xz_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16    with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms zlib astd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory     '/mnt/seconddrive/Code/seguecg/root/segue-lfi/spec/017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-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-m64.0001'
C   505 mcf_x(base pass)  specmake[1] Entering directory
<pre>/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'</pre>
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-m64.0000'
C   557.xz_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'</pre>
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SPECrate®2017\_int\_base =

SPECrate®2017 int\_peak **N**ot Run

CPU2017 License: nnn (Your SPEC license number)

Test Date: Jun-2024

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

Hardware Availability: Software Availability:

```
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-liqux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-Tibssp --disable-multilib --disable-shared
 --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfixtoolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms; zlib astd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg/foot/segue_lfi/spec_2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
| 505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/obt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lipi-amd64/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-p, c++, fortran --enable-lto
  --puctix=Xhome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  -with-pkgversion=LFI
Thread model posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]:/Leaving directory
 '/mnt/second/rive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'
______
  525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
```

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SPECrate®2017\_int\_base =

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:

```
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/ colchain/lfi-gcc lfi/amd64-16
  --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/CI
   | 557.xz r(base pass Q
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x864-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lf1-amd64/bin/.../1/bexec/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/zyeaikia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFT
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-m64.0000'
| 502.gcc_r(base pass )
specmake[1]: Entering directory
 '/mmt/seconddrixe/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
    | 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-m64.0000'
______
  | 525.x264_r(base pass )
```

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SPECrate<sup>®</sup>2017\_int\_base = 3.1

SPECrate<sup>®</sup>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/525.x264\_r/build\_base\_lfi-gcc-m64.0000' | 557.xz\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017\benchspec/ | 502.gcc\_r(base pass 🔊 Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64/bin/internal-x86 4-linux-musl-gcc COLLECT\_LTO\_WRAPPER=/opt/lf1-amd64/bin/.../1/bexec/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/zyeaidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16 --with-pkgversion=LFT Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mmt/seconddrive/%ode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc\_r/build/build\_base\_lfi-gcc-m64.0001' ·----| 505.mcf\_r(base pass 0) Using built-in specs. COLLECT\_CCC=/cft/lfi-amd64/bin/internal-x86\_64-linux-musl-gcc COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64/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-amd64-16 --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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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:

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/\$05.mof_r/build/build_base_lfi-gcc-m64.0000'
C   525.x264_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-mu/tilibdisable-shared    enable-languages=c,c++/fortran /-enable-lto    prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16    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/seguecd-toot/segue-lfi/shex2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-m64.0000'
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_wrapper=/opt/lfi-amd64/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-bootstrap/disable-libsspdisable-multilibdisable-sharedenable-languages-c,c++,fortranenable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16with-pkgwersion=LFI Thread model: psix Supported LTO_compression algorithms: zlib zstd gcc version /3.2.0 (LFI) specmake 11 Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
C   502.gcc_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'</pre>
(Continued on port page)

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Test Date: Jun-2024 Hardware Availability:

Software Availability:

C   505.mcf_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'</pre>
C   525.x264_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/seque-lfi/spec20N7/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-m64.0000'</pre>
4
C   557.xz_r(base pass )
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lij/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
C   502.gcc_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi amd64/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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 erable-languages-c,c++,fortranenable-lto  -prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16 with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)  specmake 11: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
C   505.mcf_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
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 $SPECrate *2017_int_base = 3.12$ 

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Test Date: Jun-2024 Hardware Availability:

https://www.spec.org/

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++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/pp/505.mcf_r/build/build_base_lfi-gcc-m64.0000'
525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x96_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/1/fi-amd64/bin/.../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++,fortran --enable-lto
  --prefix=/home/zyeditia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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.x264_r/build/build_base_lfi-gcc-m64.0000'
      557.xz r(base pass 0)
Using built-in specs.
COLLECT GCC= opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_DTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/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-amd64-16
  --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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Software Availability:

<pre>specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/55%.xz_i/build/build_base_lfi-gcc-m64.0000'</pre>
C   502.gcc_r(base pass )
<pre>specmake[1]: Entering directory     '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017(benchspecXCPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'</pre>
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-m64.0000'
C   525.x264_r(base pass )  specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lti/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-m64.0000'
C   557.xz_r(base pass)
specmake[]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
Using built-in specs.  COLLECT GCC= opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc  COLLECT_DTO_WRAPPER=/opt/lfi-amd64/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-amd64-16    with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)
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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502 gcc_Vbuild/build_base_lfi-gcc-m64.0001'
  505.mcf r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64)bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-1/nux-musl --disable-docs
  --disable-bootstrap --disable-libesp --disable-multilib --disable-shared
  --enable-languages=c,c++/fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/seguecgroot/seguelfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'
    | 525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64 lihux-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/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  -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-m64.0000'
______
 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
                                    (Continued on next page)
```

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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --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-rook/segue-lfi/spec2017/benchspec/PU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
    502.gcc_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg/cot/segue_lfi/sper_2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
                                  ------
    | 505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecd oot/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'
         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-m64.0000
      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-m64.0000'
______
 502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
                                    (Continued on next page)
```

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Hardware Availability: Software Availability:

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-No
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
    --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-room/segue-lfi/spec2017/benchspec/opU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
        | 505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bbp/interna)-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/1\fi-aprice(4)\sin) \(\frac{\psi}{\psi}\) \(\frac{\psi}{\psi}\psi\) \(\frac{\psi}{\psi}\) \(\frac{\psi}{\psi}\) \(\frac{\psi}{\psi}\psi\) \(\frac{\psi}{\psi}\psi\psi\) \(\frac{\psi}{\psi}\psi\) \(\frac{\psi}{\psi}\psi\psi
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-amd64-16
    --with-pkgversion=bFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
    /mnt/seconddrive/Code/seg/ecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'
  -------
            525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_I/O_WRAPPER=/opt/lfi-amd64/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-amd64-16
    --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
```

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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
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-m64.0000'
    | 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86\64-linux musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amdo4/bin/../lbexec/gcg/k86_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/toglchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
                                    alib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000
                       ______
502.gcc/r(base pass
specmake[1]: Entering directory
 '/mnt/seconddrive/vode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
 | 505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mmr/seconddrige/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'
    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-m64.0000'
______
  | 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.xx_r/build_base_lfi-gcc-m64.0000'
  502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/finternal-x86\64-linux musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../lbexec/gcg/k86_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-ltg
  --prefix=/home/zyedidia/programming/lfi/tog/chain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
                                       ∡b zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecg-root/segue-
                                 i/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
| 505.mcf_r(base pass 0)
Using built in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_L<mark>TO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper</mark>
Target / x86_64-linux musl
Configured with: ./gcc/configure --target=x86_64-linux-musl --disable-docs
   -disable-bootst/ap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
   -prafix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model posix
Supported I/TO 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-m64.0000'
______
    525.x264_r(base pass 0)
Using built-in specs.
                                   (Continued on next page)
```

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

Test Date: Jun-2024

Hardware Availability: Software Availability:

```
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
    --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algor thms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spac20N/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-m64.0000'
/==============
   557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt \( \) f \( \) - \( \) d \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \)
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, ++, fortran --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
    --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving girectory
   '/mnt second rive/Code seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
      50% gcc (base pass )
specmake 1 / Entering directory
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
         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-m64.0000'
```

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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/CPU/525.x264_r/build/build_base_lfi-gcc-m64.0000'
    557.xz_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lf//spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bid/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt \lfl-4md64\text{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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt second ive/Code seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-m64.0001'
   505 mcf (base pass 0)
Using bullt-in specs.
COLLECT_dC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
                                  (Continued on next page)
```

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**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
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017%benchspec/CPU/505.mcf_rybuild/build_base_lfi-gcc-m64.0000'
______
  | 525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux/musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfiramd64/bih/. /libexec/gcg/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-1to
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms; flib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/segvecg-root/segue-
                                 -1/i/spec2017/benchspec/CPU/525.x264_r/build/build_base_1fi-gcc-m64.0000'
    | 557.xz_r(base pass 0)
Using built in specs.
COLLECT_QCC=/Ort/Nfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=\opt/lfi-amd64/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-boots rap --disable-libssp --disable-multilib --disable-shared
   -enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/sequecq-root/seque-lfi/spec2017/benchspec/CPU/557.xz r/build/build base lfi-gcc-m64.0000'
_______
    502.gcc_r(base pass )
```

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Test Date: Jun-2024

Hardware Availability: Software Availability:

<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502gcc_Nbuild/build_base_lfi-gcc-m64.0001'</pre>
C   505.mcf_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-m64.0000'</pre>
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-m64.0000'
c   557.xz_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecy-root(segue-)fi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
C++   520.omnetpp_r(base pass 0)
Using built-in specs.  COLLECT_GC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16with-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-m64.0000'
======================================
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**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/bin/internal-x86_64-linux-musl-g+
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linex/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 Ito
  --prefix=/home/zyedidia/programming/lfi/foolchain/lfi-gcc/lfi-amd64-16
  --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-rood/segue-Mi/spec201%/bendhspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64)bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER= 6 t/lfi-and64/hin/../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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake(1) Leaving directory
  /mnt/secondurive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000
      541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
```

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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/spec2013/benshspec/CPU/541.leela_y/build/build_base_lfi-gcc-m64.0000'
<u>-</u>
C++   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-m64.0000'
C++   523.xalancbmk_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-Ni/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
C++   531.deepsjeng_r base pass
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecy_nopt/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000'
~   5   5   7   7   7   7   7   7   7   7
C++   541 leela_r(base pass)
specmake[1] Entering directory
mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000'
\\-\\\\\\\\\-
C++   520.ommetpp_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
with-pkgversion=LFI
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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/spec20/7/henchspec/CPU/520.omnetpp_//build/build_base_lfi-gcc-m64.0000'
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi/-amd64/bi/n/. \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-libsep --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/segued
                        root/seque-li/spec2017/benchspec/CPU/523.xalancbmk r/build/build base lfi-gcc-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_dtC=/optxlft_amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-boptstrap --disable-libssp --disable-multilib --disable-shared
  --enable-larguages=c,c++,fortran --enable-lto
  --prefix=/nome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000'
______
C++ | 541.leela_r(base pass 0)
```

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SPECrate®2017\_int\_base =

SPECrate®2017\int\_ Not Run

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**Test Sponsor:** My Corporation My Corporation

Test Date: Jun-2024 Hardware Availability:

Software Availability:

#### Compiler Version Notes (Compiler Version Notes (Compil

Compiler version reces (Continued)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl q++  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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++,fortranenable-ltoprefix=/home/zyedidia/programming/lfi toolchain/lfi-gcc/lfi-amd64-16with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: 2lib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lni/spec2017benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000'
C++   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-m64.0000'
C++   523.xalancbmk_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'</pre>
<pre>specmake[1]: Entering directory    '/mnd/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000'</pre>
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-m64.0000'</pre>
C++   520.omnetpp_r(base pass 0)
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**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024 Hardware Availability:

https://www.spec.org/

Software Availability:

#### Compiler Version Notes (Continued)

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms | lib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lflyspec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-m64.0000'
C++ | 523.xalancbmk_r(base pass
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bit/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=70pt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[N: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
                                    (Continued on next page)
```

Standard Performance Evaluation Corporation (info@spec.org)

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### My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 3.1

SPECrate<sup>®</sup>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/bendpspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-m64.0000' C++ | 541.leela\_r(base pass 0) Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64/bin/internal-x86\_64-linux-musl-g++ COLLECT\_LTO\_WRAPPER=/opt/lf/-amdb4/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-amd64-16 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (DFX) specmake[1]: Leaving director '/mnt/seconddrive/goog/seguecy root/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-m64.0000' ------C++ | 520 omnetpp\_r(base pass ) specmake[1]: Entering directory '/mnt/conddive/Code/seruecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-m64.0000' 523 xalancbmk r(base pass) specmake 11: Entering directory '/mnt/secdrddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000' C++ | 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-qcc-m64.0000'

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## My Corporation

SPECrate<sup>®</sup>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:

```
_____
C++ | 541.leela_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/beachsec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000'
C++ | 520.omnetpp_r(base pass 0()
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amdb4/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/lf//toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (DFX)
specmake[1]: Leaving director
 '/mmt/seconddrive/🌠 📞 seguec 🛧 cot/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-m64.0000'
------
C++ | 523 xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi/amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_wkapper /opt/lfi-amd64/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
  --prefax=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with kgversion=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-m64.0000'
```

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### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base = 3.12

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation 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/bin/internal-x86_64-linux-musl-g-
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../hibexec/gcc/x86_64-lihxx-mus1/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure --target=x6 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/lf/-gcc/lfi-amd64-16
  --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-lhi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000
                                       C++ | 541.leela_r(base pass 0
Using built-in specs/.
COLLECT_GCC=/opt/lf1-and64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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++,fortran --enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 18.2.0 (LFI)
specmake[1]: Leaving directory
 /mnt/seconddrive/gode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000
_____
   | 520.comnetpp_r(base pass)
specmake[1]: Entering directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-m64.0000'
______
C++ | 523.xalancbmk_r(base pass )
```

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### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base = 3.12

SPECrate<sup>®</sup>2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

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.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
C++ | 531.deepsjeng r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPV 531.deepsjeng_r/build/build_base_lfi-gcc-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-m64.0000'
                                         C++ | 520.omnetpp_r(base pass/0)
Using built-in specs.
COLLECT_GCC=/opt/lf1-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 'Xmnt/seconddrive/gode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-m64.0000
_____
C++ | 523/xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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
```

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## My Corporation

SPECrate<sup>®</sup>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

Hardware Availability: Software Availability:

```
--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gc/lfi-amd64-16
  --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/berchepec/CNU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
                                                      ĸ≠==========
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/Din/internal x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/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/programming/fi/toolchain/lfi-gcc/lfi-amd64-16
  --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/seguecs_root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000'
            541 (leela_r(base pass 0)
Using built in specs.
COLLECT_GCC= opt/1 i-amd64/bin/internal-x86_64-linux-musl-g++
COLDECT_LTO_wrapper=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/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-amd64-16
  --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-m64.0000'
```

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### My Corporation

SPECrate®2017\_int\_base =  $\mathbf{z}.12$ 

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/spec20177benchspec/CPU/520.omnetpp\_ build/build base lfi-gcc-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-m64.0000' C++ | 531.deepsjeng\_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-yot/segue-Yi/spec2017/benchspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-m64.0000' ======<del>/</del>+===== 541.leela r(base) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguesgloot/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-m64.0000' | 520 omnetpp\_r(base pass 0) Using built in specs. COLLECT\_GCC= opt/l i-amd64/bin/internal-x86\_64-linux-musl-g++ COLDECT\_LTO\_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86\_64-linux-mus1/13.2.0/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-amd64-16 --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-m64.0000'

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## My Corporation

SPECrate®2017\_int\_base = **3**.12

SPECrate<sup>®</sup>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++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression Toorithms: zhib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/sec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
C++ | 531.deepsjeng_r(base)pass 0
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/optvlfi-amd64/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/xyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2,0 (LFI)
specmake[1]: Leaving directory
 '/mma/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000'
C++ \mid 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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
                                  (Continued on next page)
```

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## My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 3

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-amd64-16
- --with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: z to 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-m64.0000'

specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lf1/spec2017/benchs/ec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-m64.0000'

-----

C++ | 523.xalancbmk\_r(base pass

specmake[1]: Entering directory

'/mmt/seconddrive/Code/seguecg-root/segue-lfj/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000'

-----

C++ | 531.deepsjeng\_r(base pass )

-----

specmake[1]: Entering directory

'/mnt/secorddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-m64.0000'

------

,...\.

specmake[1]: Entering directory

'/mnt/seconddriye/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-m64.0000'

-----

C++ | 520.omnetpp\_r(base pass 0)

\_\_\_\_\_

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64/bin/internal-x86\_64-linux-musl-g++

 $\verb|COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper-l$ 

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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## My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 3.12

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:

#### Compiler Version Notes (Continued)

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

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-16

--with-pkgversion=LFI

Thread model: posix

**Test Sponsor:** 

**Tested by:** 

Supported LTO compression algorithms: zhib zatd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/penchspec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-m64.0000'

C++ | 523.xalancbmk\_r(base pass 0)

-----/--/

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64/bin/internal-x86\_64/linux-musl-g++

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64\bit\.../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, q++, fortran --enable-lto

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16

--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-roo//segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000'

-----

C++ | \$31 deepsjeng\_r/base pass 0)

Using built-in specs.

COLDECT\_GCC=\opt/lfi-amd64/bin/internal-x86\_64-linux-musl-g++

COLLECT LTO\_WRAPPER=/opt/lfi-amd64/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-amd64-16

--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-m64.0000

-----

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

## My Corporation

SPECrate®2017\_int\_base =

SPECrate®2017 int\_ 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/bin/internal-x86_64 linux-musl-g+f  COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-multifibdisable-shared    enable-languages=c,c++,fortranenable-lto    prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16    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-rpcc/segue-lfi/spec201/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000'
C++   520.omnetpp_r(base pass)  specmake[1]: Entering directory  '/mnt/seconddrive/gods/seguecy-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-m64.0000'
C++   523.xalanobmk_r(base pass )  specmake[1]: Entering directory  '/mnt/seconddrive/Code/sequecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
C++ 531 deepsjeng_r(base pass )
specmake 11: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-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-m64.0000'</pre>

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Hardware Availability: Software Availability:

```
C++ | 520.omnetpp_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64_linux-musl-g+
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/9cc/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-multi/ib --disable-shared
    --enable-languages=c,c++,fortran --enable-lto
    --prefix=/home/zyedidia/programming/Mi/toolchain/lfi-gcc/lfi-amd64-16
    --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zst
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-m64.0000'
C++ | 523.xalancbmk_/(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt Nfi-amd64/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
    --pr/fl<mark>x</mark>=/homexzy<del>ed/</del>dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
    --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcs 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-m64.0000" | the conddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000" | the conddrive/Code/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000" | the conddrive/Code/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000" | the conddrive/Code/segue-lfi-gcc-m64.0000" | the conddrive/Code/segue-lfi-gcc-m64.0000" | the code/segue-lfi-gcc-m64.0000" | the code/segue-lfi-gcc-m64
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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
                                                                          (Continued on next page)
```

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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/lFi/md64-16
- --with-pkgversion=LFI
  Thread model: posix

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/CPD/531.deepsjeng\_r/build/build\_base\_lfi-gcc-m64.0000'

.....

C++ | 541.leela\_r(base pass 0)

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64/bin/internal-x86\_64-linux-musl-g++

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64/bin/./libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper

Target: x86\_64-linux-musl

Configured with: ../gcc/donfigure --target=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-amd64-16
- --with-pkgversion TF

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-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-m64.0000'

-------

 $C++ \mid (52) \cdot Omnetpp_r (base pass)$ 

specmake[1]: Entering directory

mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-m64.0000'

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

\_\_\_\_\_\_

C++ | 52/xalancbmk\_r(base pass)

specmake[1]: Entering directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-m64.0000" and the condition of the condition of$ 

\_\_\_\_\_\_

C++ | 531.deepsjeng\_r(base pass )

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Software Availability:

#### Compiler Version Notes (Continued)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deapsjeng\_r/build/build\_base\_lfi-gcc-m64.0000'

C++ | 541.leela r(base pass )

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue\_lfi/spec201 /penchspec/spu/54/.leela\_r/build/build\_base\_lfi-gcc-m64.0000'

### **Base Unknown Flags**

502.gcc\_r: "/opt/lfi-amd64/bin/x86\_64-linux-musl-"(in cc)

"/opt/lfi-amd64/bin/x86\_64-linux-musl-" (in LD)

"-fwrapv" (in PORTABILITY)

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

 $505.\text{mcf_r}$ : "/opt/lfi-amd64/big/x%6\_64-linux-musl-" (in CC)

"/opt/lfi-amd64/bin/x86\_64-linux-musl/"(in LD)

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

520.omnetpp\_r: "/opt/lfi-amd64/bin/x86\_64-linux-musl-" (in CXX) "/opt/lfi-amd64/bin/x86\_64-linux-musl-" (in LD)

"-D\_LARGEFILE64\_SOURCE"(in PORTABILITY)

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

523.xalancbm/kgr:"/opt/lfi-amd64/bin/x86\_64-linux-musl-"(in CXX)

/opt/lfi-amd64/bin/x86\_64-linux-musl-"(in LD)

'-fomit-frame-pointer (in OPTIMIZE)

525x264\_r: " opt \ fi - amd64/bin/x86\_64-linux-musl-" (in CC)

'VoptVlfi-amd64/bin/x86\_64-linux-musl-"(in LD)

"-fcommon" (in PORTABILITY)

"-fomit-frame pointer" (in OPTIMIZE)

531.deepsjeng\_x:"/opt/lfi-amd64/bin/x86\_64-linux-musl-"(in CXX)

"/opt/lfi/amd64/bin/x86\_64-linux-musl-" (in LD)

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

541.leela\_r: "/opt/lfi-amd64/bin/x86 64-linux-musl-" (in CXX)

"/opt/lfi-amd64/bin/x86\_64-linux-musl-"(in LD)

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

557.xz\_r: "/opt/lfi-amd64/bin/x86\_64-linux-musl-" (in CC)

"/opt/lfi-amd64/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 -03 -flto

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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 2024-06-23 02:27:08-0500.

Report generated on 2024-06-23 03:40:32 by CPU2017 PDF formatter v6255.