

Errors

'reportable' flag not set during run

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

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

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

557.xz_r (base) did not have enough runs!

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

500.perlbench_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!

541.leela_r (base) did not have enough runs!

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

(Continued on next page)

Other:

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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:

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				\bigcap				1/7						
502.gcc_r	1	<u>454</u>	3.12											
505.mcf_r	1	<u>412</u>	3.92				$\overline{}$							
520.omnetpp_r	1	<u>492</u>	2.67				1							
523.xalancbmk_r	1	<u>282</u>	<u>3.75</u>				7							
525.x264_r	1	<u>268</u>	<u>6.52</u>											
531.deepsjeng_r	1	<u>401</u>	2.86	/	/									
541.leela_r	1	<u>704</u>	<u>2.35</u>											
548.exchange2_r			7		\mathcal{N}^{\prime}									
557.xz_r	1	<u>518</u>	2.08											

SPECrate[®]2017_int_base = 3.21

SPECrate[®]2017_int_peak \times Not Rux

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

Environment Variables Notes

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

Platform Notes

Sysinfo program /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bin/sysinfo Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011 running on shr-work Sun Jun 23 06:45:17 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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Test Sponsor: My Corporation **Tested by:** My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability:

Platform Notes (Continued)

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

cpu cores : 24 siblings : 24

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

```
From lscpu:
```

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

Off-line CPU(s) list:

Vendor ID: Model name: CPU family: Model:

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

Socket(s): Stepping:

CPU max MHz: CPU min Myz BogoMIPS/

Flags:

×86_64 32-bit, 64-bit

46 bits physical, 48 bits virtual

Little Endian

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

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

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

1 6000.0000 0.0000

6374.40 fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mea cmov pat psed6 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpelgb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_sc cpuid aperfmperf tsc_known_freq pni pclmulqdq dtes64 monitor ds_cpl vmx mx est tm2 sssg3 sdbg fma cx16 xtpr pdcm sse4_1 sse4_2 x2apic movbe popcnt ksc_deadline_timer aes xsave avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault

ssbd ibrs ibpb stibp ibrs_enhanced tpr_shadow flexpriority ept vpid ept_ad fsgsbase tsc_ad ust imil avx2 smep bmi2 erms invpcid rdseed adx smap clflushopt clwb intel_pt sha_ni xsaveopt xsavec xgetbv1 xsaves split_lock_detect user_shstk avx_vnni dtherm ida arat pln pts hwp hwp_notify hwp_act_window hwp_epp hwp_pkg_req hfi vnmi umip pku ospke waitpkg gfni vaes vpclmulqdq tme rdpid movdiri movdir64b fsrm md_clear

serialize pconfig arch_lbr ibt flush_lld arch_capabilities

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

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

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

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Tested by:

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Test Date: Jun-2024

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 696G 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

```
Using built-in specs.

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

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

Target: x86_64-linux-musl

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

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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/lfi/md64-32

--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/henchspec/CRU/502/gcc_r/build/build_base_lfi-gcc-32-m64.0000'

| 505.mcf_r(base pass 0)

Using built-in specs.

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

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32\bin\../l\bexec/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-amd64-32

--with-pkgversion TFT

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/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'

| \$25.x264_r(base pass 0)

·-----

Using built-in specs.

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

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

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

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

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

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

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000" | the condition of the$

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Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (C

complier version roces continued)
C 557.xz_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal_x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin//libexex/gcx/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-amd64-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib istd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-poot/seguelfi/speck017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
C 502.gcc_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguesq root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'</pre>
specmake[1] Entering directory mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
C 525.x264_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-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-32-m64.0000'</pre>
(Continued on next page)

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SPECrate[®]2017_int_base = 3.2

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:

```
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal 36664 linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../\(\frac{1}{2}\)ibexe\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\(\grace\)\
Target: x86_64-linux-musl
Configured with: ../gcc/configure) -- target = x86_64-1 nux - musl -- disable-docs
    --disable-bootstrap --disable-Tibssp --disable-multilib --disable-shared
    --enable-languages=c,c++,fortran --enable-lto
    --prefix=/home/zyedidia/programmi/g/lfl/toolchain/lfi-gcc/lfi-amd64-32
    --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms; zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mnt/seconddrive/Code/seguecg-fot/segue fi/spec201//benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
                                                                      | 505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/ot/lfi-amdv4-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with ../gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
    --enable-languages-p,c++,fortran --enable-lto
    --puctix=Xhome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
      -with-pkgversion=LFI
Thread model posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]:/Leaving directory
   '/mnt/secondgrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
______
    525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/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++,fortran --enable-lto
 --prefix=/home/zyedidia/programming/lf/ colchain/lfi-gcc/lfi/amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/beachspec/CPU/
| 557.xz r(base pass 0
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/totexnal 486_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfj_amd64-32/bhq/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus/
Configured with: ../gcc/configure -target=x86_64-linux-musl --disable-docs
 --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
 --enable-languages-c, c++, fortran --enable-lto
 --prefix=/home/zyeaidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
 --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-32-m64.0000'
____
   | 502.gcc_r(base pass )
specmake[1]: Entering directory
 '/mmv/seconddriye/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
   505.mcf_r(base pass )
specmake[1]: Entering directory
 ______
  | 525.x264_r(base pass )
```

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SPECrate[®]2017_int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

Tested by: Compiler Version Notes (Continued) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264x/build/build_base_lfi-gcc-32-m64.0000' | 557.xz_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/seguec1fi/spec201\benchspec/CP\f57.xz_r/build/build_base_lfi-gcc-32-m64.0000' | 502.gcc_r(base pass Ø7 Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/intexnal_486_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfj-amd64-32/bm/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-mus/ Configured with: ../gcc/configure -target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages-c, c++, fortran --enable-lto --prefix=/home/zyeaidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mmt/seco/ddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000' ·----505.mcf_r(base pass 0) Using built-in specs. COLLECT_SCC=/pt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32 --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)

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

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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

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-32-m64.0000'
C 525.x264_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal/x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64_32/bin//libexec/9cc/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-shared
enable-languages=c,c++ fortran fenable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
with-pkgversion=LFI Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg root/segue_lfixsper_2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'
C 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lf1 amd64-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_wrapper=/opt/lf1 amd64-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docs
disable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages-c,c++,fortranenable-lto
-prefix /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)
specmake 12: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
C 502.gcc_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'

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Test Sponsor:

Tested by:

SPECrate®2017_int_base = 3.2

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

Hardware Availability: Software Availability:

C 505.mcf_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/beachspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'</pre>
C 525.x264_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017\benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'</pre>
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-32-m64.0000'
C 502.gcc_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lf1 amd64-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lf1 amd64-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with: _/gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrap/disable-libsspdisable-multilibdisable-shared enable-languages-c,c++,fortranenable-lto -prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32 with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version /3.2.0 (LFI) specmake 1 Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
C 505.mcf_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
(Continued on next page)

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SPECrate[®]2017_int_base \Rightarrow 3.

SPECrate[®]2017 int_peak Not Run

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Test Date: Jun-2024

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Hardware Availability: 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-amd64-32
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip/zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/henchspec/CPV/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
  525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64_32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lf1-amd6432/bin ./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus1
Configured with: ../gcc/conffgure --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-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[/]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'
      557.xz r(base pass 0)
Using built-in specs.
COLLECT GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --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_base = 3.

SPECrate[®]2017 int_peak Not Run

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Software Availability:

Compiler Version Notes (Continued)

<pre>specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'</pre>
C 502.gcc_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/henchspec/CRU/502/gcc_r/build/build_base_lfi-gcc-32-m64.0000'
C 505.mcf_r(base pass
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-Nfi/spec2017/behonspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
C 525.x264_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/segueg-root/segue-lf/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'
C 557.xz_r(base pass)
specmake[1]: Entering directory '/mnt/seconddriveXCodeXseguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
C 502.gcc r(base pass 0)
Using built-in specs. COLLECT GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs disable-bootstrapdisable-libsspdisable-multilibdisable-shared enable-languages=c,c++,fortranenable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32 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_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:

```
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000
    505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal x86_64 linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd6(4-3)2/bin/...\1\bexec/gccxx86_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-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecg rodt/segue-Ni/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
    | 525.x264_x (base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64 32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPRER=/opt/lfi-amd64-32/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-amd64-32
  -with-pkgversion=LFI
Thread model: posix
Supported LT compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake [1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'
______
 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
                                     (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.2

SPECrate®2017_int_peak Not Run

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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl - disable-docs
  --disable-bootstrap --disable-libssp -/disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/ffi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec%017/benchspec/Cp0/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
    502.gcc_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-hot/segue lfi/spec 01/7/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguesg-vot/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
x264_r(base pass )
specmake(1) Entering directory
  /mnt/seconodrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-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-32-m64.0000'
______
 502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
                                  (Continued on next page)
```

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Page 17

SPECrate®2017_int_base =

SPECrate[®]2017 int_peak Not Run

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Test Date: Jun-2024

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Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl - disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/ffi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPD/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
    505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd 4-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/11i-amu64-32/blm/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus
Configured with: ../gcc/configure -target=x86_64-linux-musl --disable-docs
                       -disable-libssp --disable-multilib --disable-shared
  --disable-bootstrap
  --enable-languages=c\c++,fortran --enable-lto
  --prefix=/home zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  /mnt/seconddrive/Code/segue/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
 --------
      525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCG=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LMO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
                                    (Continued on next page)
```

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Tested by:

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:

```
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264x/build/build_base_lfi-gcc-32-m64.0000'
    | 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin internal x86_64-1 nux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/ggc/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-ltd
  --prefix=/home/zyedidia/programming/lfi/tog/chain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecg-root/segue-l
                                 /spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
                        ______
502.gcc/r(base pass
specmake[1]: Entering directory
 '/mnt/seco/ddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
 | 505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mm/seconddriye/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-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-32-m64.0000'
______
  | 557.xz_r(base pass )
                                   (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.2

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:

```
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_x/build_base_lfi-gcc-32-m64.0000'
    | 502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/b(in)internal-x86_64-11 nyx-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/...\libexec/gcd/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-ltd
  --prefix=/home/zyedidia/programming/lfi/tog/chain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecg-root/segue-lf
                                  /spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
| 505.mcf_r(base pass 0)
Using built in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_Lto_WRARPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target / x86_64-linux musl
Configured with: .//cc/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-amd64-32
  --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-32-m64.0000'
______
    525.x264_r(base pass 0)
Using built-in specs.
                                   (Continued on next page)
```

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Test Sponsor:

Tested by:

SPECrate $^{\circ}2017$ _int_base \Rightarrow 3.21

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
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Test Date: Jun-2024

Hardware Availability: Software Availability:

```
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linex-mesl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp 👉 disable-multilib --djsable-shared
  --enable-languages=c,c++,fortran --enable ltd
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algor(ith)ms: zlib xstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/ppe-2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'
557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32//bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/1fi)and64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux/musl
Configured with: ../gcc/configure -- target = x86_64-linux-musl -- disable-docs
  --disable-bootstrap \disable-libssp --disable-multilib --disable-shared
  --enable-languages=c, ++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving girectory
 '/mnt keconddrive/Code seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-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-32-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-32-m64.0000'
```

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SPECrate®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:

```
_____
    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-32-m64.0000'
    557.xz_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-rodt/segue-lfi/spec20N/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/Din/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi)-and64-32/bjn/../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-libssp --disable-multilib --disable-shared
  --disable-bootstrap
  --enable-languages=c, c++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmal(e[1]: Leaving directory
 '/mnt recondative/Code seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
   505 mcf r(base pass 0)
Using bullt-in specs.
COLLECT_dC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
                                  (Continued on next page)
```

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SPECrate[®]2017_int_base = 3.2

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
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/Denchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-32-m64.0000'
______
  | 525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal\x86_64-1/hux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/pin/../libexec/gc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-1to
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-32
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression algorithms; Mib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/segueg-root/egue-1f//spec2017/benchspec/CPU/525.x264_r/build/build_base_1fi-gcc-32-m64.0000'
    | 557.xz_r(base pass 0)
Using built in specs.
COLLECT_CCC=/Ogt/lfi-amd64-32/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=\ost/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target x86_64-linux musl
Configured with: . //gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
   -enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgyersion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
______
    502.gcc_r(base pass )
```

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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:

specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-32-m64.0000'
C 505.mcf_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/henchspec/CRU/505/mcf_r/build/build_base_lfi-gcc-32-m64.0000'
C 525.x264_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lki/spec2017/benckspec/CPU/525.x264_r/build/build_base_lfi-gcc-32-m64.0000'
C 557.xz_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/segue-g-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-32-m64.0000'
C++ 520.omnetpp_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Targetw 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-amd64-32
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-32-m64.0000'
(Continued on next page)

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Test Sponsor:

Tested by:

SPECrate®2017_int_base = 3

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)

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux_musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux/musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl
                                                                  -disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable Ito
  --prefix=/home/zyedidia/programming/lfi/voolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
                                        zlib zstd
Supported LTO compression algorithms;
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lki/spec2017 benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd(4)31/bin(internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/prt/lfi-amd64-3/7bin/../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-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake(1) Leaving directory
  /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000
      541.legla_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
```

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Test Sponsor:

Tested by:

SPECrate®2017_int_base =

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued) Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201//benchspec/CPU/541.leela_r/bh/ld/build_base_lfi-gcc-32-m64.0000'

C++ | 520.omnetpp_r(base pass)

specmake[1]: Entering directory

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

C++ | 523.xalancbmk_r(base pass

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201]//enchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000'

.-----

C++ | 531.deepsjeng_r base pass

specmake[1]: Entering directory

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

//mnt/seconddrive/Code/seguecg-rdot/segue-1f1/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_1f1-gcc-32-m64.00

specmake 1) Entering directory

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

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

Using built-in specs.

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

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

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

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

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

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

--with-pkgversion=LFI

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SPECrate[®]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:

```
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/spec201/benchspec/CPU/520.omnetpp_r/prild/build_base_lfi-gcc-32-m64.0000'
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-22/bin/internal-x86_64-1/nux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi/amd64-32/prn/.../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++,fortran --enable lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (XI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguece
                                'Did/spec2017/benchspec/CPU/523.xalancbmk r/build/build base lfi-gcc-32-m64.0000
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/optxlfl-2md64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/pt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: //./gcc/configure --target=x86_64-linux-musl --disable-docs
   _disable-boptstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/nome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000
______
C++ | 541.leela_r(base pass 0)
```

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

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SPECrate®2017_int_base =

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:

Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-mosl-g++/
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/./Nibexec/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-amd64-32
with-pkgversion=LFI () \\
Thread model: posix
Supported LTO compression algorithms: Alib 2std
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfixspec2017/Denchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000'
C++ 520.omnetpp_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/segderg-root/segde-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-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-32-m64.0000'
\=====\frac{1}{2}======\frac{1}{2}==================================
C++ 531.deepsjeng_r(base pass)
/ /
specmake[1]: Entering directory
'/mnd/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000'
\\
C++ 541.leela_r(base pass)
1 (1) 1 1 1
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000'
=======================================
C++ 520.omnetpp_r(base pass 0)
-
(Continued on next page)
(Continued on first page)

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Tested by:

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:

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g-
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/.//hibexec/gcc/x86_64-linyx-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-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: 21ib 2std
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/beachspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'
C++ | 523.xalancbmk_r(base pass
Using built-in specs.
COLLECT_GCC=/opt/lfi/amd64-32(bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER= Told lfi-and 4-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with / (./gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++\fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --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/523.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000'
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
```

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SPECrate $^{\circ}2017$ _int_base = 3.2.

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/QPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-32-m64.0000" \\
C++ | 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/32\bin/ipternal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi/amd64-32/bin/./libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --dikable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (DFX)
specmake[1]: Leaving director
 '/mmt/seconddrive/code/seguecetoot/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000'
------
C++ | 520 omnet pp_r(base pass )
specmake[1]: Entering directory
 '/mnt/conddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'
   523 xalancbmk r(base pass)
specmake 11: Entering directory
 '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-32-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-32-m64.0000
```

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SPECrate[®]2017_int_base =

SPECrate®2017 int_peak **Not Run**

CPU2017 License: nnn (Your SPEC license number)

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

Software Availability:

```
______
C++ | 541.leela_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benonspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000'
C++ | 520.omnetpp_r(base pass 0()
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/32\bin/igternal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfivand64-32/bin/./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --dikable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --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 root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'
------
C++ | 523 xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_CCC=/opt/lfi/amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO WRAPPER /opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with ... /gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --pref x=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
```

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Test Sponsor:

Tested by:

SPECrate®2017_int_base =

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-amd64-32/bin/internal_x86_64-linux-musl-g+
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin//libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure --target - 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-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms
                                     zlib zsta
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfNspec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000'
                                       <del>{</del>_____
C++ | 541.leela_r(base pass 0
Using built-in specs.
COLLECT_GCC=/opt/lf4-and64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-1inux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 /unt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000
_____
    52%.omnetpp_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-32-m64.0000'
______
C++ | 523.xalancbmk_r(base pass )
```

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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base =

SPECrate®2017 int **∀**ot 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.xalankbmk_r/build/build_base_lfi-gcc-32-m64.0000'
C++ | 531.deepsjeng r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/511.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000
    | 541.leela_r(base pas
specmake[1]: Entering directory
 //mnt/seconddrive/Code/seguecg-root/segue-lhi/spac2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000
                                         £_____
C++ | 520.omnetpp_r(base pass/0)
Using built-in specs.
COLLECT_GCC=/opt/lf4-and64-32/binternal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt \lfi-amd64_32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-1inux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  /unt/saconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000
_____
C++ | 523/xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
```

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Test Sponsor:

Tested by:

SPECrate[®]2017_int_base =

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zl/b zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bencks
                                              es/CPUX523.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000'
                                                      ₹
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/32/bin/internal x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-3%/bin/...\libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure \taxget=\x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libs --disable-multilib --disable-shared
  --enable-languages=c,cff,fortran --enable-lto
--prefix=/home/zyedidia/proframming/fi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2,0 (LFV)
specmake[1]: Leaving directory
 '/mnt/seconddrive_code/seguecy_rot/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000'
            541 (leela_r(base pass 0)
Using built in specs/.
COLLECT_GCC=/opt/121-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Taxget x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-pootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --pref; 🖈 = /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000'
```

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SPECrate®2017_int_base \

SPECrate[®]2017 int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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

Test Date: Jun-2024 Hardware Availability:

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/spec201/benchspec/CPU/520.omnetpp_r/byild/build_base_lfi-gcc-32-m64.0000' C++ | 523.xalancbmk_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/sper2017/benchsec/CPU/522.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000 C++ | 531.deepsjeng_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201 /enchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000' -----/+----_____ pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-tot/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000' | 520 omnetpp_r(base pass 0) Using built in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Taxget x86_64-linux-musl Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --pref; = /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000

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SPECrate®2017_int_base \

SPECrate[®]2017_int_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

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

Test Date: Jun-2024 Hardware Availability:

Software Availability:

```
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/intermal-x86_64-linux-musl-
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../lbexec/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-multi/ib --disable-shared
    --enable-languages=c,c++,fort(ran) --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
    --with-pkqversion=LFI
Thread model: posix
Supported LTO compression Torithms: zhib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   "/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-32-m64.0000" | a condition of the condition of t
C++ | 531.deepsjeng_r(base)pass 0
Using built-in specs.
COLLECT_GCC=/opt/lfi-and64-32/bix/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPFER=/opt Afi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable bootstrap --disable-libssp --disable-multilib --disable-shared
    --enable-languages=c,c++,fortran --enable-lto
    --prefix=/home/xyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
    --with-pkgversion=LT/I
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mmo/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000'
C++ \mid 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
```

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SPECrate®2017_int_base =

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)

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

Thread model: posix

Supported LTO compression algorithms: z zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

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

| 520.omnetpp_r(base pags)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/beachspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'

| 523.xalancbmk_r(base pass

specmake[1]: Entering directory

'/mnt/seconddrive/Code/segwedg-root/segue-lfi/ .pec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000

531.deepsjeng_r(base pass)

specmake[1]: Entering directory

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

| 541.leela_r(base pass)

specmake[1]: Entering directory

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

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

Using built-in specs.

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

 $\verb|COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrappe$

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 =

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:

Compiler Version Notes (Continued)

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

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

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: z zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/berchspec/QU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'

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

Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal_x86/64-linux-musl-g++

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../lbexec/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++, fortran --exable-lto

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

--with-pkgversion=LTI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

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

31 deeps jeng_r base pass 0)

Using built-in specs.

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

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper

Target: x86_64 linux-musl

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

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

--enable-lto

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

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

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

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

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SPECrate®2017 int_ Not Run

CPU2017 License: nnn (Your SPEC license number)

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

C++ 541.leela_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl
Configured with:/gcc/configuretargetx86_64-linux-musldisable-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++,fortranenable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
with-pkgversion=LFI Thread model: posix
Supported LTO compression algorithms: zlib zsta
gcc version 13.2.0 (LFI) specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-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-32-m64.0000'
Grand
C++ 523 xalandbmk_r(base pass)
specmake[1]: Entering directory
'/mnt/econddrive/Code/stgrecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-32-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-32-m64.0000'
C++ 541.leela_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-32-m64.0000'

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SPECrate[®]2017_int_base =

SPECrate®2017 int **∀**ot Run

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Test Sponsor: 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-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
    --disable-bootstrap --disable(1)bssp --disable-multi/lib --disable-shared
    --enable-languages=c,c++,fortran --enable-lto
    --prefix=/home/zyedidia/programming/Mi/tolchain/lfi-gcc/lfi-amd64-32
    --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zste
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mnt/seconddrive/Code/seguecg-roox/segua-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'
C++ | 523.xalancbmk_/(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lati-amd64-32/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable-bookstrap --disable-libssp --disable-multilib --disable-shared
    --enable-languages=c,c++,fortran --enable-lto
    --pr/fl<mark>x</mark>=/home\zy<del>ed/</del>dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-32
    --with pkyversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gck version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mnt/seconddrige/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-32-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x86_64-linux-musl-g++
\verb|COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrapper-linux-musl/13.2.0/lto-wrappe
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 Sponsor:

Tested by:

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SPECrate®2017 int **∀**ot Run

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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/md64-32
- --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/CPU/5%1.deepsjeng_r/build/build_base_lfi-gcc-32-m64.0000'

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

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64-32/bin/internal-x96_64-linux-musl-g++

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-32Xbin../lfbexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper

Target: x86_64-linux-musl

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

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

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-32-m64.0000

| \$20.0mnetpp_r(base pass)

specmake[1]: Entering directory

mnt/saconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-32-m64.0000'

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

| 523/xalancbmk_r(base pass)

specmake[1]: Entering directory

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

C++ | 531.deepsjeng_r(base pass)

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SPECrate[®]2017_int_base =

SPECrate®2017 int **N**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)

specmake[1]: Entering directory

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

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

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPV541./eela_r/build/build_base_lfi-gcc-32-m64.0000

Base Unknown Flags

502.gcc_r: "/opt/lfi-amd64-32/bin/x86_64-linux-mus1-" (in CC)

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

"-fwrapv" (in PORTABILITY)

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

"/opt/lfi-amd64-32/bin/x86 $_{64}$ -linux-musl-" (in LD)

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

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

"-D_LARGEFILE64_SOURCE"(in PORTABILITY)

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

523.xalancbm/k_r:"/opt/lfi-amd64-32/bin/x86_64-linux-mus1-"(in CXX)

/opt/1fi amd 64-32 /opt/1fi amd 64-32 /opt/1fi amd 64-32 /opt/1fi

'-fomit-frame-pointer (in OPTIMIZE)

525x264_r: "/opt/lfi-amd64-32/bin/x86_64-linux-musl-" (in CC)

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

"-fcommon" (in PORTABILITY)

"-fomit-frame pointer" (in OPTIMIZE)

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

"/opt/lf: amd64-32/bin/x86_64-linux-musl-" (in LD)

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

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

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

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

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

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

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SPECrate®2017_int_base = 3...

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:

Base Unknown Flags (Continued)

557.xz_r (continued):

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

Base Compiler Invocation

C benchmarks (except as noted below):

gcc

C++ benchmarks:

g++

Base Portability Flags

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

Base Optimization Flags

C benchmarks:

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

505.msf_r: Same as 502.gcc_r

525.x264_r: same as 502.gcc_r

557.xz_r: Same as 502.gcc_r

C++ benchmarks:

-std=c++03 -O3 -flto

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SPECrate®2017_int_base =

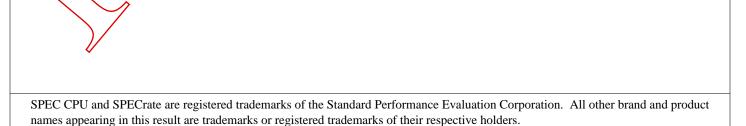
SPECrate®2017_int_peak Not Run

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

Test Date: Jun-2024

Hardware Availability: Software Availability:



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 06:45:16-0500. Report generated on 2024-06-23 07:58:22 by CPU2017 PDF formatter v6255.