SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base = 3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)	**Test Date:** Jun-2024
Test Sponsor: My Corporation	**Hardware Availability:**
Tested by: My Corporation	**Software Availability:**

Benchmark	Copies	Result
500.perlbench_r		
502.gcc_r	1	3.09
505.mcf_r	1	3.85
520.omnetpp_r	1	2.57
523.xalancbmk_r	1	3.72
525.x264_r	1	6.22
531.deepsjeng_r	1	2.70
541.leela_r	1	2.30
548.exchange2_r		
557.xz_r	1	2.03

SPECrate®2017_int_base (3.12)

Hardware

CPU Name: 13th Gen Intel Core i9-13900KS
Max MHz:
Nominal:
Enabled: cores, 1 chip, threads/core
Orderable:
Cache L1:
L2:
L3:
Other:
Memory: 125,561 GB fixme: If using DDR4, the format is: 'N GB (N x N GB nRxn PC4-nnnnX-X)'
Storage: 3.6 TB add more disk info here
Other:

Software

OS: Ubuntu 22.04.4 LTS
6.8.0-76060800daily20240311-generic
Compiler: C/C++/Fortran: Version 7.2.1 of GCC, the GNU Compiler Collection
Parallel: No
Firmware:
File System: ext4
System State: Run level 5 (add definition here)
Base Pointers: 64-bit
Peak Pointers: Not Applicable
Other:
Power Management: --

Errors

'reportable' flag not set during run
500.perlbench_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!
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!

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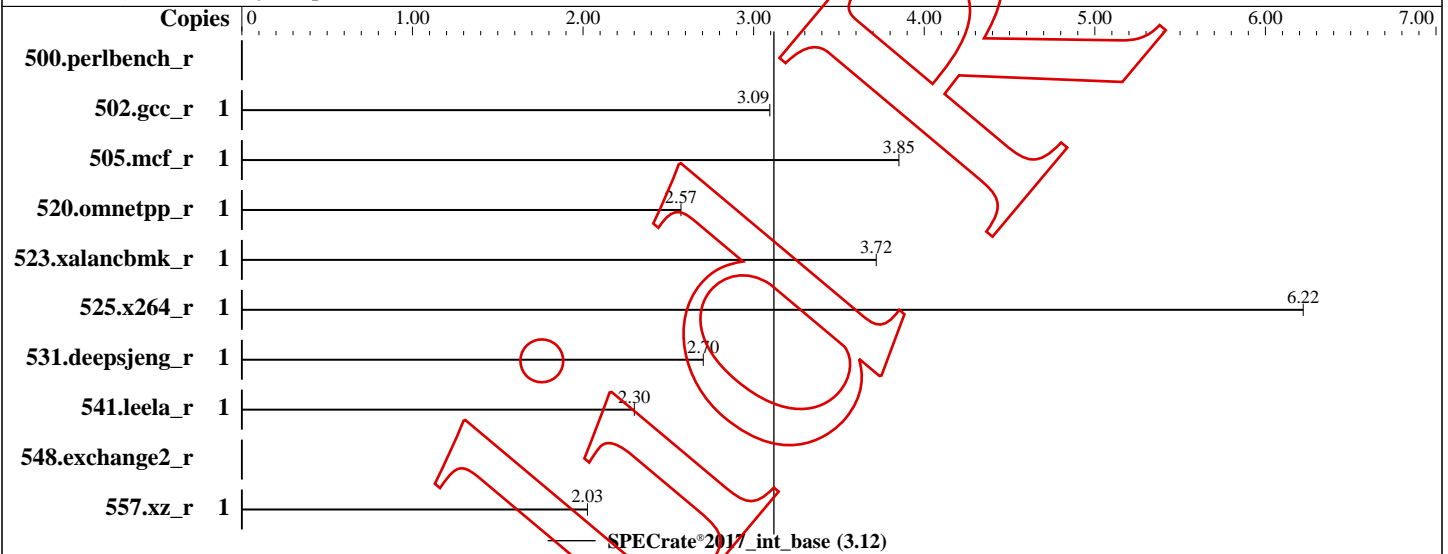**CPU2017 License:** nnn (Your SPEC license number)
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Test Date: Jun-2024
Hardware Availability:
Software Availability:

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

Benchmark	Base Copies	Base Seconds	Base Ratio	Base Seconds	Base Ratio	Base Seconds	Base Ratio	Peak Copies	Peak Seconds	Peak Ratio	Peak Seconds	Peak Ratio	Peak Seconds	Peak Ratio
500.perlbench_r														
502.gcc_r	1	**458**	**3.09**											
505.mcf_r	1	**420**	**3.85**											
520.omnetpp_r	1	**510**	**2.57**											
523.xalancbmk_r	1	**284**	**3.72**											
525.x264_r	1	**281**	**6.22**											
531.deepsjeng_r	1	**424**	**2.70**											
541.leela_r	1	**720**	**2.30**											
548.exchange2_r														
557.xz_r	1	**533**	**2.03**											
SPECrate®2017_int_base =			**3.12**											
SPECrate®2017_int_peak =			**Not Run**											

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

Environment Variables Notes

```
Environment variables set by runcpu before the start of the run:
LD_LIBRARY_PATH = "/usr/lib64/:/usr/lib/:/lib64"
```

Platform Notes

```
 Sysinfo program /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bin/sysinfo
 Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011
 running on shr-work Sun Jun 23 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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SPECrate®2017_int_base = 3.12

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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 24 28 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
        47

  From lscpu:
        Architecture:                       x86_64
        CPU op-mode(s):                     32-bit, 64-bit
        Address sizes:                      46 bits physical, 48 bits virtual
        Byte Order:                         Little Endian
        CPU(s):                             32
        On-line CPU(s) list:                0,2,4,6,8,10,12,14,16-31
        Off-line CPU(s) list:               1,3,5,7,9,11,13,15
        Vendor ID:                          GenuineIntel
        Model name:                         13th Gen Intel(R) Core(TM) i9-13900KS
        CPU family:                         6
        Model:                              183
        Thread(s) per core:                 1
        Core(s) per socket:                 24
        Socket(s):                          1
        Stepping:                           1
        CPU max MHz:                        6000.0000
        CPU min MHz:                        0.0000
        BogoMIPS:                           6374.40
        Flags:                              fpu vme de pse tsc msr pae mce cx8 apic sep mtrr
        pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx
        pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology
        nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq dtes64 monitor ds_cpl vmx
        smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm sse4_1 sse4_2 x2apic movbe popcnt
        tsc_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_adjust bmi1 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_l1d arch_capabilities
        Virtualization:                     VT-x
        L1d cache:                          896 KiB (24 instances)
        L1i cache:                          1.3 MiB (24 instances)
        L2 cache:                           32 MiB (12 instances)
        L3 cache:                           36 MiB (1 instance)
        NUMA node(s):                       1
        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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CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
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Platform Notes (Continued)

```
    Vulnerability L1tf:                 Not affected
    Vulnerability Mds:                  Not affected
    Vulnerability Meltdown:             Not affected
    Vulnerability Mmio stale data:      Not affected
    Vulnerability Retbleed:             Not affected
    Vulnerability Spec rstack overflow: Not affected
    Vulnerability Spec store bypass:    Mitigation; Speculative Store Bypass disabled
    via prctl
    Vulnerability Spectre v1:           Mitigation; usercopy/swapgs barriers and __user
    pointer sanitization
    Vulnerability Spectre v2:           Mitigation; Enhanced / Automatic IBRS, IBPB
    conditional, RSB filling, PBRSB-eIBRS SW sequence
    Vulnerability Srbds:                Not affected
    Vulnerability Tsx async abort:      Not affected

  /proc/cpuinfo cache data
    cache size : 36864 KB

  From numactl --hardware  WARNING: a numactl 'node' might or might not correspond to a
  physical chip.

  From /proc/meminfo
    MemTotal:       131660528 kB
    HugePages_Total:        0
    Hugepagesize:        2048 kB

  /usr/bin/lsb_release -d
    Ubuntu 22.04.4 LTS

  From /etc/*release* /etc/*version*
    debian_version: bookworm/sid
    os-release:
      PRETTY_NAME="Ubuntu 22.04.4 LTS"
      NAME="Ubuntu"
      VERSION_ID="22.04"
      VERSION="22.04.4 LTS (Jammy Jellyfish)"
      VERSION_CODENAME=jammy
      ID=ubuntu
      ID_LIKE=debian
      HOME_URL="https://www.ubuntu.com/"

  uname -a:
    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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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
  CVE-2017-5754 (Meltdown):              Not affected
  mmio_stale_data:                       Not affected
  retbleed:                              Not affected
  spec_rstack_overflow:                  Not affected
  CVE-2018-3639 (Speculative Store Bypass): Mitigation: Speculative Store Bypass disabled
                                            via prctl
  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
     Filesystem     Type  Size  Used Avail Use% Mounted on
     /dev/nvme0n1p1 ext4  3.6T  692G  2.8T  20% /mnt/seconddrive

  From /sys/devices/virtual/dmi/id
     BIOS:    System76 FH Z5 01/25/2024
     Vendor:  System76
     Product: Thelio Mira
     Product Family: Z790 MB

  Cannot run dmidecode; consider saying (as root)
     chmod +s /usr/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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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-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/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
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/505.mcf_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/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/525.x264_r/build/build_base_lfi-gcc-m64.0000'
```

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Tested by:	My Corporation	**Software Availability:**	

Compiler Version Notes (Continued)

```
--------------------------------------------------------------------

====================================================================
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/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/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_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-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/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-m64.0000'
```

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Tested by: My Corporation **Software Availability:**

Compiler Version Notes (Continued)

```
--------------------------------------------------------------------

====================================================================
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
  --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/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
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/505.mcf_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
```

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Test Sponsor: My Corporation   **Hardware Availability:**
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Compiler Version Notes (Continued)

```
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/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'
-----------------------------------------------------------------------------


==============================================================================
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/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/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_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 )
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

Compiler Version Notes (Continued)

```
--------------------------------------------------------------------
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/seguecg-root/segue-lfi/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/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/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
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)

SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number) **Test Date:** Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
  '/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 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
    --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/525.x264_r/build/build_base_lfi-gcc-m64.0000'
  -------------------------------------------------------------------------


  ==============================================================================
  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/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/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'
  -------------------------------------------------------------------------
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
==============================================================================
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-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/seguecg-root/segue-lfi/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/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/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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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **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-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/505.mcf_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/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/525.x264_r/build/build_base_lfi-gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
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/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)
```

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SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

Compiler Version Notes (Continued)

```
specmake[1]: 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 )
-------------------------------------------------------------------------
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_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-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/seguecg-root/segue-lfi/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/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)
```

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SPEC CPU®2017 Integer Rate Result

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
specmake[1]: 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
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/505.mcf_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/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/525.x264_r/build/build_base_lfi-gcc-m64.0000'
-----------------------------------------------------------------------------

==============================================================================
C  | 557.xz_r(base pass 0)
-----------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
```

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SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
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
  '/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 )
-------------------------------------------------------------------------
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_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-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/seguecg-root/segue-lfi/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
```

(Continued on next page)

SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
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
 '/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
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/505.mcf_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/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
```

(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)   https://www.spec.org/

SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
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'
-------------------------------------------------------------------------


==============================================================================
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/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
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Thread model: posix
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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'
-------------------------------------------------------------------------


==============================================================================
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'
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==============================================================================
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-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-m64.0000'
-------------------------------------------------------------------------


==============================================================================
C    | 557.xz_r(base pass )
```

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number) **Test Date:** Jun-2024
Test Sponsor: My Corporation **Hardware Availability:**
Tested by: My Corporation **Software Availability:**

Compiler Version Notes (Continued)

```
--------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-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/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
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Thread model: posix
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specmake[1]: 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
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
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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'
--------------------------------------------------------------------

====================================================================
C    | 525.x264_r(base pass 0)
--------------------------------------------------------------------
Using built-in specs.
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
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 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'
-------------------------------------------------------------------------


================================================================================
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/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/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_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'
-------------------------------------------------------------------------
```

(Continued on next page)

SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base = 3.12

SPECrate®2017_int_peak = Not Run

Compiler Version Notes (Continued)

```
==============================================================================
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/seguecg-root/segue-lfi/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/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/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
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)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
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'
-------------------------------------------------------------------------


==============================================================================
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/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/525.x264_r/build/build_base_lfi-gcc-m64.0000'
-------------------------------------------------------------------------


==============================================================================
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/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/557.xz_r/build/build_base_lfi-gcc-m64.0000'
-------------------------------------------------------------------------


==============================================================================
C   | 502.gcc_r(base pass )
-------------------------------------------------------------------------
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
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_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-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/seguecg-root/segue-lfi/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_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
  --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'
--------------------------------------------------------------------------


==========================================================================
C++  | 523.xalancbmk_r(base pass 0)
--------------------------------------------------------------------------
```

(Continued on next page)

SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
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
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-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
  --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'
------------------------------------------------------------------------


==============================================================================
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/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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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/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 )
-------------------------------------------------------------------------
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/CPU/531.deepsjeng_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/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++
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
```

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SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)　　　　**Test Date:**　　　Jun-2024
Test Sponsor:　　My Corporation　　　　　　　　　　　　　**Hardware Availability:**
Tested by:　　　My Corporation　　　　　　　　　　　　　**Software Availability:**

Compiler Version Notes (Continued)

```
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/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-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/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
  --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'
-----------------------------------------------------------------------


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

(Continued on next page)

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

Compiler Version Notes (Continued)

```
-------------------------------------------------------------------------
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
  --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'
-------------------------------------------------------------------------


=========================================================================
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-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/CPU/531.deepsjeng_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/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000'
-------------------------------------------------------------------------


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

(Continued on next page)

SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base = 3.12

SPECrate®2017_int_peak = Not Run

Compiler Version Notes (Continued)

```
--------------------------------------------------------------------
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
  --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'
--------------------------------------------------------------------


====================================================================
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-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/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)

SPEC CPU®2017 Integer Rate Result

My Corporation

SPECrate®2017_int_base = 3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Jun-2024
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Compiler Version Notes (Continued)

```
   --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/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/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
  '/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 )
------------------------------------------------------------------------
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-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/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-m64.0000'
-------------------------------------------------------------------------
```

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
==============================================================================
  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-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-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
  '/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 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
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-m64.0000'
------------------------------------------------------------------------------


==============================================================================
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base = 3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number) **Test Date:** Jun-2024
Test Sponsor: My Corporation **Hardware Availability:**
Tested by: My Corporation **Software Availability:**

Compiler Version Notes (Continued)

```
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
  --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'
-----------------------------------------------------------------------


========================================================================
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/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/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 )
-----------------------------------------------------------------------
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
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/CPU/531.deepsjeng_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/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++
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
  '/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 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
```

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SPEC CPU®2017 Integer Rate Result
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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number) **Test Date:**   Jun-2024
Test Sponsor: My Corporation **Hardware Availability:**
Tested by: My Corporation **Software Availability:**

Compiler Version Notes (Continued)

```
    --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/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
  --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'
-------------------------------------------------------------------------


==============================================================================
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/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/541.leela_r/build/build_base_lfi-gcc-m64.0000'
-------------------------------------------------------------------------
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)	**Test Date:**	Jun-2024
Test Sponsor: My Corporation	**Hardware Availability:**	
Tested by: My Corporation	**Software Availability:**	

Compiler Version Notes (Continued)

```
==========================================================================
C++ | 520.omnetpp_r(base pass )
--------------------------------------------------------------------------
specmake[1]: Entering directory
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/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-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_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/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++
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
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-m64.0000'
--------------------------------------------------------------------------
```

(Continued on next page)

My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
==============================================================================
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-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/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
  --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'
------------------------------------------------------------------------------


==============================================================================
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/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
```

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SPEC CPU®2017 Integer Rate Result

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **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: 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'
--------------------------------------------------------------------------


==============================================================================
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-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/CPU/531.deepsjeng_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/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++
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
```

(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)   https://www.spec.org/

My Corporation

SPECrate®2017_int_base = 3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License:	nnn (Your SPEC license number)	**Test Date:**	Jun-2024
Test Sponsor:	My Corporation	**Hardware Availability:**	
Tested by:	My Corporation	**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: 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'
 ------------------------------------------------------------------------

 ========================================================================
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-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/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
   --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'
 ------------------------------------------------------------------------
```

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
==============================================================================
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/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/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 )
------------------------------------------------------------------------------
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/CPU/531.deepsjeng_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/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-m64.0000'
------------------------------------------------------------------------------
```

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SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
==============================================================================
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/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/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 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
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-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
```

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My Corporation

SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **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-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'
------------------------------------------------------------------------------


==============================================================================
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/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/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 )
------------------------------------------------------------------------------
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 )
------------------------------------------------------------------------------
```

(Continued on next page)

SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)   **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **Software Availability:**

Compiler Version Notes (Continued)

```
specmake[1]: 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 )
-------------------------------------------------------------------------
specmake[1]: Entering directory
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.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 OPTIMIZE)

505.mcf_r: "/opt/lfi-amd64/bin/x86_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.xalancbmk_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)

525.x264_r: "/opt/lfi-amd64/bin/x86_64-linux-musl-" (in CC)
"/opt/lfi-amd64/bin/x86_64-linux-musl-" (in LD)
"-fcommon" (in PORTABILITY)
"-fomit-frame-pointer" (in OPTIMIZE)

531.deepsjeng_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)

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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SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

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_LINUX -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 -O3 -flto -fno-strict-aliasing -fgnu89-inline`

505.mcf_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`

SPEC CPU®2017 Integer Rate Result

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SPECrate®2017_int_base =   3.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number) **Test Date:**   Jun-2024
Test Sponsor: My Corporation   **Hardware Availability:**
Tested by: My Corporation   **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 02:27:08-0500.
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