



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Cisco Systems

Cisco UCS C220 M7 (Intel Xeon Gold 6544Y,  
3.60GHz)

**SPECSpeed®2017\_int\_base = 14.6**

**SPECSpeed®2017\_int\_peak = 14.8**

CPU2017 License: 9019

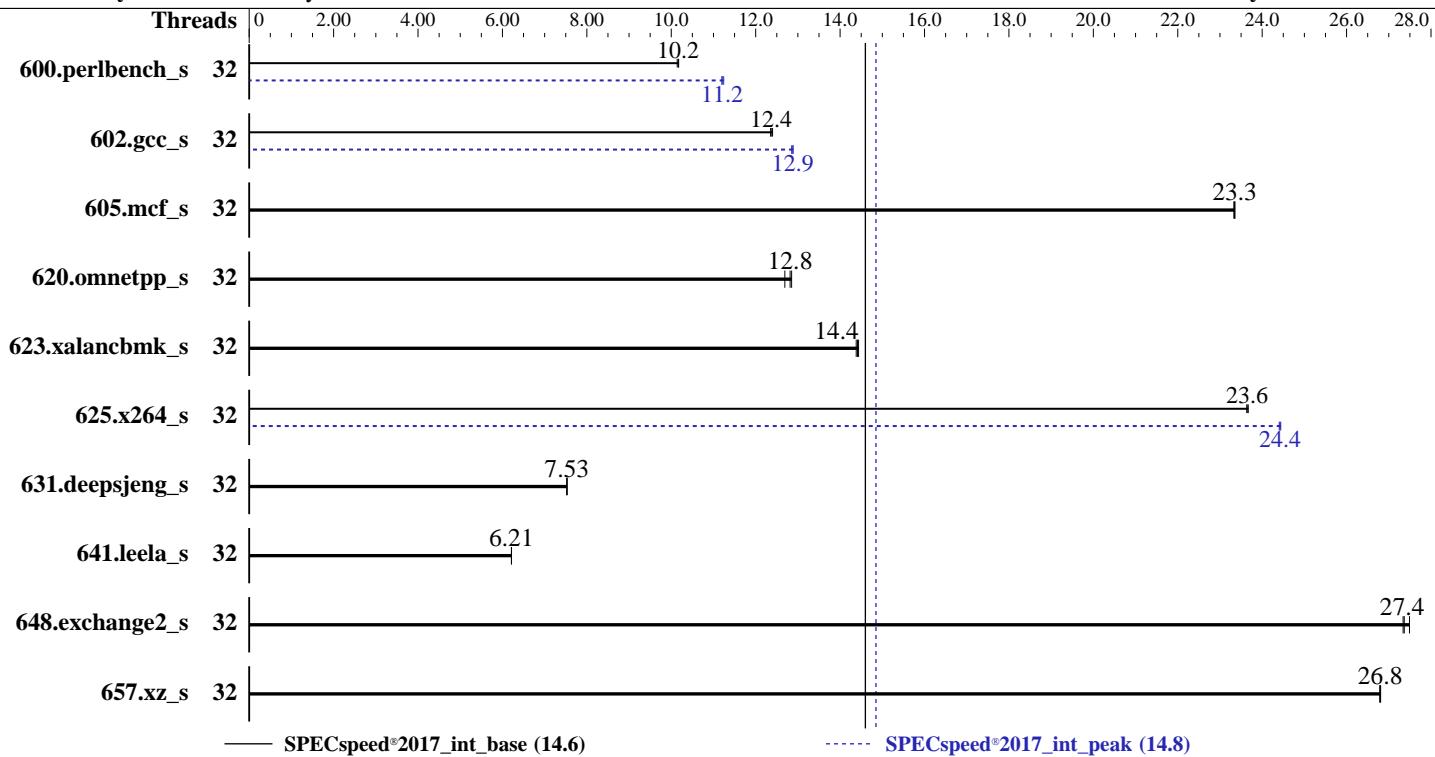
Test Sponsor: Cisco Systems

Tested by: Cisco Systems

**Test Date:** Apr-2024

**Hardware Availability:** Feb-2024

**Software Availability:** Dec-2023



Hardware		Software	
CPU Name:	Intel Xeon Gold 6544Y	OS:	SUSE Linux Enterprise Server 15 SP4
Max MHz:	4100	Compiler:	5.14.21-150400.22-default
Nominal:	3600	Parallel:	C/C++: Version 2024.0.2 of Intel oneAPI DPC++/C++ Compiler for Linux;
Enabled:	32 cores, 2 chips	Firmware:	Fortran: Version 2024.0.2 of Intel Fortran Compiler for Linux;
Orderable:	1,2 Chips	File System:	Yes
Cache L1:	32 KB I + 48 KB D on chip per core	System State:	Version 4.3.3a released Jan-2024
L2:	2 MB I+D on chip per core	Base Pointers:	xfs
L3:	45 MB I+D on chip per chip	Peak Pointers:	Run level 3 (multi-user)
Other:	None	Other:	64-bit
Memory:	1 TB (16 x 64 GB 2Rx4 PC5-5600B-R, running at 5200)	Power Management:	64-bit
Storage:	1 x 960 GB M.2 SSD SATA		jemalloc memory allocator V5.0.1
Other:	CPU Cooling: Air		BIOS set to prefer power save with minimal impact on performance



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## Results Table

Benchmark	Base							Peak						
	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
600.perlbench_s	32	174	10.2	175	10.1	<u>175</u>	<u>10.2</u>	32	<u>158</u>	<u>11.2</u>	158	11.2	158	11.2
602.gcc_s	32	<b>322</b>	<b>12.4</b>	321	12.4	322	12.4	32	310	12.9	309	12.9	<b>309</b>	<b>12.9</b>
605.mcf_s	32	<b>202</b>	<b>23.3</b>	202	23.3	202	23.4	32	<b>202</b>	<b>23.3</b>	202	23.3	202	23.4
620.omnetpp_s	32	129	12.7	127	12.9	<u>127</u>	<u>12.8</u>	32	129	12.7	127	12.9	<b>127</b>	<b>12.8</b>
623.xalancbmk_s	32	98.1	14.4	98.5	14.4	<u>98.3</u>	<u>14.4</u>	32	98.1	14.4	98.5	14.4	<b>98.3</b>	<b>14.4</b>
625.x264_s	32	<b>74.6</b>	<b>23.6</b>	74.5	23.7	74.6	23.6	32	72.3	24.4	<b>72.2</b>	<b>24.4</b>	72.2	24.4
631.deepsjeng_s	32	190	7.53	190	7.53	<u>190</u>	<u>7.53</u>	32	190	7.53	190	7.53	<b>190</b>	<b>7.53</b>
641.leela_s	32	<b>275</b>	<b>6.21</b>	275	6.21	274	6.22	32	<b>275</b>	<b>6.21</b>	275	6.21	274	6.22
648.exchange2_s	32	108	27.3	107	27.5	<u>107</u>	<u>27.4</u>	32	108	27.3	107	27.5	<b>107</b>	<b>27.4</b>
657.xz_s	32	231	26.8	231	26.8	<u>231</u>	<u>26.8</u>	32	231	26.8	231	26.8	<b>231</b>	<b>26.8</b>
<b>SPECspeed®2017_int_base = 14.6</b>														
<b>SPECspeed®2017_int_peak = 14.8</b>														

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

## Operating System Notes

Stack size set to unlimited using "ulimit -s unlimited"

## Environment Variables Notes

Environment variables set by runcpu before the start of the run:

KMP\_AFFINITY = "granularity=fine,compact"

LD\_LIBRARY\_PATH = "/home/cpu2017/lib/intel64:/home/cpu2017/je5.0.1-64"

MALLOC\_CONF = "retain:true"

OMP\_STACKSIZE = "192M"

## General Notes

Binaries compiled on a system with 2x Intel Xeon Platinum 8280M CPU + 384GB RAM memory using Redhat Enterprise Linux 8.0

Transparent Huge Pages enabled by default

Prior to runcpu invocation

Filesystem page cache synced and cleared with:

```
sync; echo 3> /proc/sys/vm/drop_caches
```

NA: The test sponsor attests, as of date of publication, that CVE-2017-5754 (Meltdown) is mitigated in the system as tested and documented.

Yes: The test sponsor attests, as of date of publication, that CVE-2017-5753 (Spectre variant 1) is mitigated in the system as tested and documented.

Yes: The test sponsor attests, as of date of publication, that CVE-2017-5715 (Spectre variant 2) is mitigated in the system as tested and documented.

jemalloc, a general purpose malloc implementation

built with the RedHat Enterprise 7.5, and the system compiler gcc 4.8.5 sources available from jemalloc.net or <https://github.com/jemalloc/jemalloc/releases>



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## Platform Notes

BIOS Settings:  
Intel Hyper-Threading Technology set to Disabled  
Sub NUMA Clustering set to Disabled  
LLC Dead Line set to Disabled  
ADDC Sparing set to Disabled  
Processor C6 Report set to Enabled  
UPI Power Management set to Enabled  
Enhanced CPU performance set to Auto

```
Sysinfo program /home/cpu2017/bin/sysinfo
Rev: r6732 of 2022-11-07 fe91c89b7ed5c36ae2c92cc097bec197
running on localhost Fri Apr 12 10:56:12 2024
```

SUT (System Under Test) info as seen by some common utilities.

-----  
Table of contents

1. uname -a  
2. w  
3. Username  
4. ulimit -a  
5. sysinfo process ancestry  
6. /proc/cpuinfo  
7. lscpu  
8. numactl --hardware  
9. /proc/meminfo  
10. who -r  
11. Systemd service manager version: systemd 249 (249.11+suse.124.g2bc0b2c447)  
12. Services, from systemctl list-unit-files  
13. Linux kernel boot-time arguments, from /proc/cmdline  
14. cpupower frequency-info  
15. sysctl  
16. /sys/kernel/mm/transparent\_hugepage  
17. /sys/kernel/mm/transparent\_hugepage/khugepaged  
18. OS release  
19. Disk information  
20. /sys/devices/virtual/dmi/id  
21. dmidecode  
22. BIOS

-----  
1. uname -a  
Linux localhost 5.14.21-150400.22-default #1 SMP PREEMPT\_DYNAMIC Wed May 11 06:57:18 UTC 2022 (49db222)  
x86\_64 x86\_64 x86\_64 GNU/Linux

-----  
2. w  
10:56:12 up 1 min, 1 user, load average: 0.25, 0.14, 0.06  
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT  
root tty1 - 10:55 4.00s 1.08s 0.14s -bash

-----  
3. Username  
From environment variable \$USER: root

-----  
4. ulimit -a

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## Platform Notes (Continued)

```
core file size          (blocks, -c) unlimited
data seg size           (kbytes, -d) unlimited
scheduling priority     (-e) 0
file size               (blocks, -f) unlimited
pending signals          (-i) 4126992
max locked memory       (kbytes, -l) 64
max memory size         (kbytes, -m) unlimited
open files              (-n) 1024
pipe size                (512 bytes, -p) 8
POSIX message queues    (bytes, -q) 819200
real-time priority       (-r) 0
stack size               (kbytes, -s) unlimited
cpu time                 (seconds, -t) unlimited
max user processes        (-u) 4126992
virtual memory            (kbytes, -v) unlimited
file locks                  (-x) unlimited
```

```
-----
5. sysinfo process ancestry
/usr/lib/systemd/systemd --switched-root --system --deserialize 32
login -- root
-bash
-bash
runcpu --define default-platform-flags -c ic2024.0.2-lin-sapphirerapids-speed-20231213.cfg --define cores=32
--tune all -o all --define drop_caches intspeed
runcpu --define default-platform-flags --configfile ic2024.0.2-lin-sapphirerapids-speed-20231213.cfg
--define cores=32 --tune all --output_format all --define drop_caches --nopower --runmode speed --tune
base:peak --size refspeed intspeed --nopreenv --note-preenv --logfile
$SPEC/tmp/CPU2017.140/templogs/preenv.intspeed.140.0.log --lognum 140.0 --from_runcpu 2
specperl $SPEC/bin/sysinfo
$SPEC = /home/cpu2017
```

```
-----
6. /proc/cpuinfo
model name      : INTEL(R) XEON(R) GOLD 6544Y
vendor_id       : GenuineIntel
cpu family      : 6
model          : 207
stepping        : 2
microcode       : 0x21000200
bugs            : spectre_v1 spectre_v2 spec_store_bypass swapgs
cpu cores       : 16
siblings        : 16
2 physical ids (chips)
32 processors (hardware threads)
physical id 0: core ids 0-15
physical id 1: core ids 0-15
physical id 0: apicids 0,2,4,6,8,10,12,14,16,18,20,22,24,26,28,30
physical id 1: apicids 128,130,132,134,136,138,140,142,144,146,148,150,152,154,156,158
Caution: /proc/cpuinfo data regarding chips, cores, and threads is not necessarily reliable, especially for
virtualized systems. Use the above data carefully.
```

```
-----
7. lscpu
```

```
From lscpu from util-linux 2.37.2:
Architecture:          x86_64
CPU op-mode(s):        32-bit, 64-bit
Address sizes:         46 bits physical, 57 bits virtual
Byte Order:             Little Endian
```

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## Platform Notes (Continued)

```

CPU(s): 32
On-line CPU(s) list: 0-31
Vendor ID: GenuineIntel
Model name: INTEL(R) XEON(R) GOLD 6544Y
CPU family: 6
Model: 207
Thread(s) per core: 1
Core(s) per socket: 16
Socket(s): 2
Stepping: 2
CPU max MHz: 4100.0000
CPU min MHz: 800.0000
BogoMIPS: 7200.00
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 aperf mperf tsc_known_freq pn1 pclmulqdq dtes64 monitor
      ds_cpl smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid dca sse4_1 sse4_2
      x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm
      abm 3dnowprefetch cpuid_fault epb cat_l3 cat_l2 cdp_l3 invpcid_single
      cdp_l2 ssbd mba ibrs ibpb stibp ibrs_enhanced fsgsbase tsc_adjust bmi1 hle
      avx2 smep bmi1 erms ibrs ibpb stibp ibrs_enhanced fsgsbase tsc_adjust bmi1 hle
      avx512ifma clflushopt clwb intel_pt avx512cd sha_ni avx512bw avx512vl
      xsaveopt xsavec xgetbv1 xsaves cqm_llc cqm_occup_llc cqm_mbm_total
      cqm_mbm_local avx_vnni avx512_bf16 wbnoinvd dtherm ida arat pln pts hwp
      hwp_act_window hwp_epp hwp_pkg_req avx512vmbi umip pku ospke waitpkg
      avx512_vmbi2 gfni vaes vpclmulqdq avx512_vnni avx512_bitalg tme
      avx512_vpopcntdq la57 rdpid bus_lock_detect cldemote movdiri movdir64b
      enqcmd fsrm md_clear serialize tsxlptrk pconfig arch_lbr avx512_fp16
      amx_tile flush_l1d arch_capabilities
L1d cache: 1.5 MiB (32 instances)
L1i cache: 1 MiB (32 instances)
L2 cache: 64 MiB (32 instances)
L3 cache: 90 MiB (2 instances)
NUMA node(s): 2
NUMA node0 CPU(s): 0-15
NUMA node1 CPU(s): 16-31
Vulnerability Itlb multihit: Not affected
Vulnerability L1tf: Not affected
Vulnerability Mds: Not affected
Vulnerability Meltdown: Not affected
Vulnerability Spec store bypass: Mitigation; Speculative Store Bypass disabled via prctl and seccomp
Vulnerability Spectre v1: Mitigation; usercopy/swaps barriers and __user pointer sanitization
Vulnerability Spectre v2: Mitigation; Enhanced IBRS, IBPB conditional, RSB filling
Vulnerability Srbds: Not affected
Vulnerability Tsx async abort: Not affected

```

```

From lscpu --cache:
  NAME ONE-SIZE ALL-SIZE WAYS TYPE      LEVEL    SETS PHY-LINE COHERENCY-SIZE
  L1d    48K     1.5M   12 Data        1       64      1          64
  L1i    32K     1M     8 Instruction  1       64      1          64
  L2     2M      64M   16 Unified     2      2048      1          64
  L3     45M     90M   15 Unified     3     49152      1          64

```

-----  
8. numactl --hardware

NOTE: a numactl 'node' might or might not correspond to a physical chip.

available: 2 nodes (0-1)

node 0 cpus: 0-15

node 0 size: 515734 MB

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## Platform Notes (Continued)

```
node 0 free: 514895 MB
node 1 cpus: 16-31
node 1 size: 516037 MB
node 1 free: 514605 MB
node distances:
node 0 1
 0: 10 21
 1: 21 10

-----
9. /proc/meminfo
MemTotal:      1056534672 kB

-----
10. who -r
run-level 3 Apr 12 10:54

-----
11. Systemd service manager version: systemd 249 (249.11+suse.124.g2bc0b2c447)
Default Target  Status
multi-user      running

-----
12. Services, from systemctl list-unit-files
STATE          UNIT FILES
enabled        YaST2-Firstboot YaST2-Second-Stage apparmor auditd cron getty@ haveged irqbalance iscsi
                issue-generator kbdsettings klog libvиртd lvm2-monitor nsd nvmefc-boot-connections
                postfix purge-kernels rollback rsyslog smartd sshd wicked wickedd-auto4 wickedd-dhcp4
                wickedd-dhcp6 wickedd-nanny
enabled-runtime systemdr-mount-fs
disabled       autofs autoyast-initscripts blk-availability boot-sysctl ca-certificates chrony-wait
                chronyd console-getty cups cups-browsed debug-shell dnsmasq ebttables exchange-bmc-os-info
                firewalld gpm grub2-once haveged-switch-root ipmi ipmievд iscsi-init iscsid
                issue-add-ssh-keys kdump kdump-early kexec-load ksm kvm_stat libvirt-guests lunmask
                man-db-create multipathd nfs nfs-blkmap nfs-server nfsserver nvmf-autoconnect rdisc
                rpcbind rpmconfigcheck rsyncd serial-getty@ smartd_generate_opts snmpd snmptrapd
                strongswan strongswan-starter svnserv systemd-boot-check-no-failures
                systemd-network-generator systemd-nspawn@ systemd-sysext systemd-time-wait-sync
                systemd-timesyncd tcsd udisks2 virtintfaced virtnetworkd virtnodedevd virtnwfilterd
                virtproxod virtqemud virtsecretd virtstoraged
indirect       pcscd virtlockd virtlogd wickedd

-----
13. Linux kernel boot-time arguments, from /proc/cmdline
BOOT_IMAGE=/boot/vmlinuz-5.14.21-150400.22-default
root=UUID=2b0c4aea-8bla-49f8-af79-68404a8ed1d3
splash=silent
resume=/dev/disk/by-uuid/acc9eb67-bac8-42f3-9795-20ae507d267e
mitigations=auto
quiet
security=apparmor

-----
14. cpupower frequency-info
analyzing CPU 0:
    current policy: frequency should be within 800 MHz and 4.10 GHz.
                    The governor "performance" may decide which speed to use
                    within this range.
    boost state support:
        Supported: yes
```

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## Platform Notes (Continued)

Active: yes

```
-----  
15. sysctl  
    kernel.numa_balancing          1  
    kernel.randomize_va_space      2  
    vm.compaction_proactiveness   20  
    vm.dirty_background_bytes      0  
    vm.dirty_background_ratio     10  
    vm.dirty_bytes                 0  
    vm.dirty_expire_centisecs     3000  
    vm.dirty_ratio                 20  
    vm.dirty_writeback_centisecs   500  
    vm.dirtytime_expire_seconds    43200  
    vm.extfrag_threshold          500  
    vm.min_unmapped_ratio         1  
    vm.nr_hugepages                0  
    vm.nr_hugepages_mempolicy      0  
    vm.nr_overcommit_hugepages     0  
    vm.swappiness                  1  
    vm.watermark_boost_factor     15000  
    vm.watermark_scale_factor      10  
    vm.zone_reclaim_mode           0
```

```
-----  
16. /sys/kernel/mm/transparent_hugepage  
    defrag           [always] defer defer+madvise madvise never  
    enabled          [always] madvise never  
    hpage_pmd_size  2097152  
    shmem_enabled    always within_size advise [never] deny force
```

```
-----  
17. /sys/kernel/mm/transparent_hugepage/khugepaged  
    alloc_sleep_millisecs        60000  
    defrag                      1  
    max_ptes_none               511  
    max_ptes_shared              256  
    max_ptes_swap                64  
    pages_to_scan                4096  
    scan_sleep_millisecs        10000
```

```
-----  
18. OS release  
    From /etc/*-release /etc/*-version  
    os-release SUSE Linux Enterprise Server 15 SP4
```

```
-----  
19. Disk information  
    SPEC is set to: /home/cpu2017  
    Filesystem  Type  Size  Used  Avail Use% Mounted on  
    /dev/nvme0n1p3  xfs  741G  17G  724G  3% /home
```

```
-----  
20. /sys/devices/virtual/dmi/id  
    Vendor:      Cisco Systems Inc  
    Product:     UCSC-C220-M7N  
    Serial:      WZP27010H2C
```

```
-----  
21. dmidecode
```

(Continued on next page)



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## Platform Notes (Continued)

Additional information from dmidecode 3.2 follows. WARNING: Use caution when you interpret this section. The 'dmidecode' program reads system data which is "intended to allow hardware to be accurately determined", but the intent may not be met, as there are frequent changes to hardware, firmware, and the "DMTF SMBIOS" standard.

Memory:

16x 0xCE00 M321R8GA0PB0-CWMCH 64 GB 2 rank 5600, configured at 5200

-----  
22. BIOS

(This section combines info from /sys/devices and dmidecode.)

BIOS Vendor: Cisco Systems, Inc.

BIOS Version: C220M7.4.3.3a.0.0118241337

BIOS Date: 01/18/2024

BIOS Revision: 5.32

## Compiler Version Notes

=====

C | 600.perlbench\_s(base, peak) 602.gcc\_s(base, peak) 605.mcf\_s(base, peak) 625.x264\_s(base, peak)  
| 657.xz\_s(base, peak)

=====

Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64, Version 2024.0.2 Build 20231213  
Copyright (C) 1985-2023 Intel Corporation. All rights reserved.

=====

C++ | 620.omnetpp\_s(base, peak) 623.xalancbmk\_s(base, peak) 631.deepsjeng\_s(base, peak)  
| 641.leela\_s(base, peak)

=====

Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64, Version 2024.0.2 Build 20231213  
Copyright (C) 1985-2023 Intel Corporation. All rights reserved.

=====

Fortran | 648.exchange2\_s(base, peak)

=====

Intel(R) Fortran Compiler for applications running on Intel(R) 64, Version 2024.0.2 Build 20231213  
Copyright (C) 1985-2023 Intel Corporation. All rights reserved.

=====

## Base Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Fortran benchmarks:

ifx



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## Base Portability Flags

```
600.perlbench_s: -DSPEC_LP64 -DSPEC_LINUX_X64  
602.gcc_s: -DSPEC_LP64  
605.mcf_s: -DSPEC_LP64  
620.omnetpp_s: -DSPEC_LP64  
623.xalancbmk_s: -DSPEC_LP64 -DSPEC_LINUX  
625.x264_s: -DSPEC_LP64  
631.deepsjeng_s: -DSPEC_LP64  
641.leela_s: -DSPEC_LP64  
648.exchange2_s: -DSPEC_LP64  
657.xz_s: -DSPEC_LP64
```

## Base Optimization Flags

C benchmarks:

```
-w -std=c11 -m64 -Wl,-z,muldefs -xsapphirerapids -O3 -ffast-math  
-flto -mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4 -fopenmp  
-DSPEC_OPENMP -L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

C++ benchmarks:

```
-w -std=c++14 -m64 -Wl,-z,muldefs -xsapphirerapids -O3 -ffast-math  
-flto -mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4  
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

Fortran benchmarks:

```
-w -m64 -Wl,-z,muldefs -xsapphirerapids -O3 -ffast-math -flto  
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4  
-nostandard-realloc-lhs -align array32byte  
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

## Peak Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Fortran benchmarks:

ifx



# SPEC CPU®2017 Integer Speed Result

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## Cisco Systems

Cisco UCS C220 M7 (Intel Xeon Gold 6544Y,  
3.60GHz)

SPECspeed®2017\_int\_base = 14.6

SPECspeed®2017\_int\_peak = 14.8

CPU2017 License: 9019

Test Date: Apr-2024

Test Sponsor: Cisco Systems

Hardware Availability: Feb-2024

Tested by: Cisco Systems

Software Availability: Dec-2023

## Peak Portability Flags

Same as Base Portability Flags

## Peak Optimization Flags

C benchmarks:

```
600.perlbench_s: -w -m64 -std=c11 -Wl,-z,muldefs  
-fprofile-generate(pass 1)  
-fprofile-use=default.profdata(pass 2) -xCORE-AVX2(pass 1)  
-flto -Ofast(pass 1) -xCORE-AVX512 -O3 -ffast-math  
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4  
-fiopenmp -DSPEC_OPENMP -fno-strict-overflow  
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

```
602.gcc_s: -w -m64 -std=c11 -Wl,-z,muldefs  
-fprofile-generate(pass 1)  
-fprofile-use=default.profdata(pass 2) -xCORE-AVX2(pass 1)  
-flto -Ofast(pass 1) -xCORE-AVX512 -O3 -ffast-math  
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4  
-fiopenmp -DSPEC_OPENMP -L/usr/local/jemalloc64-5.0.1/lib  
-ljemalloc
```

```
605.mcf_s: basepeak = yes
```

```
625.x264_s: -w -std=c11 -m64 -Wl,-z,muldefs -xsapphirerapids -O3  
-ffast-math -flto -mfpmath=sse -funroll-loops  
-qopt-mem-layout-trans=4 -fiopenmp -DSPEC_OPENMP  
-fno-alias -L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

```
657.xz_s: basepeak = yes
```

C++ benchmarks:

```
620.omnetpp_s: basepeak = yes
```

```
623.xalancbmk_s: basepeak = yes
```

```
631.deepsjeng_s: basepeak = yes
```

```
641.leela_s: basepeak = yes
```

Fortran benchmarks:

(Continued on next page)



# SPEC CPU®2017 Integer Speed Result

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## Peak Optimization Flags (Continued)

648.exchange2\_s: basepeak = yes

The flags files that were used to format this result can be browsed at

<http://www.spec.org/cpu2017/flags/Intel-ic2024-official-linux64.html>

<http://www.spec.org/cpu2017/flags/Cisco-Platform-Settings-V1.0-EMR-revD.html>

You can also download the XML flags sources by saving the following links:

<http://www.spec.org/cpu2017/flags/Intel-ic2024-official-linux64.xml>

<http://www.spec.org/cpu2017/flags/Cisco-Platform-Settings-V1.0-EMR-revD.xml>

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