



SPEC CPU®2026 Floating Point Speed Result

Copyright 2026 Standard Performance Evaluation Corporation

Cisco Systems

Cisco UCS C240 M8 (Intel Xeon 6787P 2.00 GHz processor)

SPECspeed®2026_fp_base = 11.2

SPECspeed®2026_fp_peak = 11.2

CPU2026 License: 9019

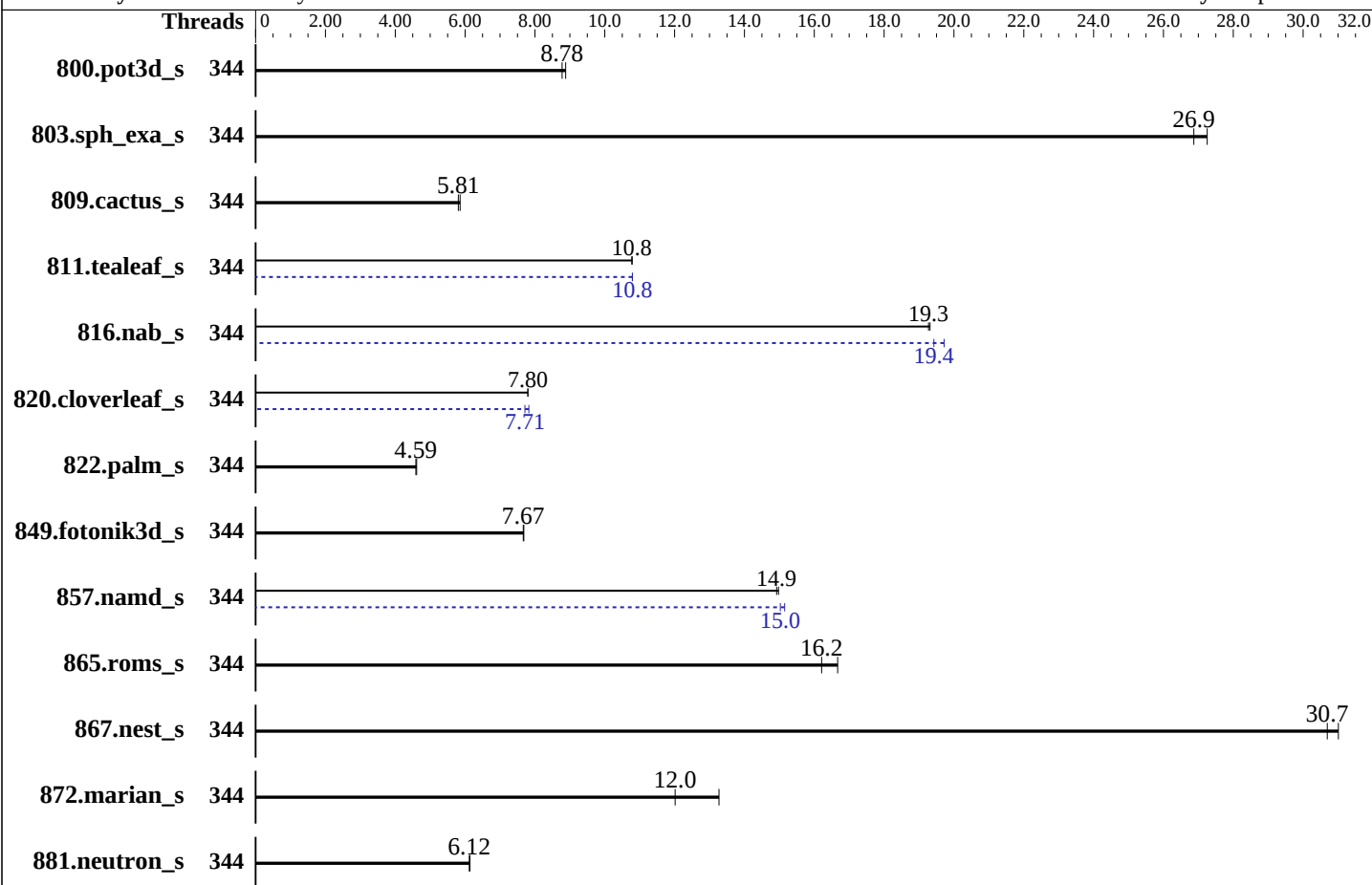
Test Sponsor: Cisco Systems

Tested by: Cisco Systems

Test Date: Jun-2026

Hardware Availability: May-2025

Software Availability: Apr-2026



Hardware

CPU Name: Intel Xeon 6787P
Max MHz: 3800
Nominal: 2000
Enabled: 172 cores, 2 chips, 2 threads/core
Orderable: 1,2 Chips
Cache L1: 64 KB I + 48 KB D on chip per core
L2: 2 MB I+D on chip per core
L3: 336 MB I+D on chip per chip
Other: None
Memory: 1 TB (16 x 64 GB 2Rx4 PC5-6400B-R)
Storage: 1 x 1.9 TB NVME SSD
Cooling: Air
Other: CPU Cooling: Air

Software

OS: SUSE Linux Enterprise Server 15 SP6 6.4.0-150600.21-default
Compiler: C/C++: Version 2026.0 of Intel oneAPI DPC++/C++ Compiler for Linux;
Fortran: Version 2026.0 of Intel Fortran Compiler for Linux
Compiler Category: Vendor
Firmware: Version 4.3.6b released Apr-2025
File System: xfs
System State: Run Level 3 (multi-user)
Base Pointers: 64-bit
Peak Pointers: 64-bit
Other: jemalloc memory allocator v5.3
Power Management: BIOS set to prefer performance at the cost of additional power usage



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Results Table

Benchmark	Base							Peak						
	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
800.pot3d_s	344	<u>76.7</u>	<u>8.78</u>	75.8	8.88			344	<u>76.7</u>	<u>8.78</u>	75.8	8.88		
803.sph_exa_s	344	45.4	27.3	<u>46.1</u>	<u>26.9</u>			344	45.4	27.3	<u>46.1</u>	<u>26.9</u>		
809.cactus_s	344	192	5.86	<u>193</u>	<u>5.81</u>			344	192	5.86	<u>193</u>	<u>5.81</u>		
811.tealeaf_s	344	51.6	10.8	<u>51.7</u>	<u>10.8</u>			344	51.6	10.8	<u>51.6</u>	<u>10.8</u>		
816.nab_s	344	58.3	19.3	<u>58.4</u>	<u>19.3</u>			344	<u>58.0</u>	<u>19.4</u>	57.1	19.7		
820.cloverleaf_s	344	<u>110</u>	<u>7.80</u>	110	7.80			344	110	7.83	<u>111</u>	<u>7.71</u>		
822.palm_s	344	266	4.61	<u>268</u>	<u>4.59</u>			344	266	4.61	<u>268</u>	<u>4.59</u>		
849.fotonik3d_s	344	<u>86.1</u>	<u>7.67</u>	85.9	7.68			344	<u>86.1</u>	<u>7.67</u>	85.9	7.68		
857.namd_s	344	<u>97.3</u>	<u>14.9</u>	97.0	15.0			344	<u>96.6</u>	<u>15.0</u>	95.8	15.2		
865.roms_s	344	65.4	16.7	<u>67.2</u>	<u>16.2</u>			344	65.4	16.7	<u>67.2</u>	<u>16.2</u>		
867.nest_s	344	69.7	31.0	<u>70.4</u>	<u>30.7</u>			344	69.7	31.0	<u>70.4</u>	<u>30.7</u>		
872.marian_s	344	81.5	13.3	<u>90.1</u>	<u>12.0</u>			344	81.5	13.3	<u>90.1</u>	<u>12.0</u>		
881.neutron_s	344	<u>133</u>	<u>6.12</u>	133	6.14			344	<u>133</u>	<u>6.12</u>	133	6.14		

SPECspeed®2026_fp_base = 11.2

SPECspeed®2026_fp_peak = 11.2

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,scatter"

LD_LIBRARY_PATH = "/home/cpu2026/lib"

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 CentOS Stream 9.

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)

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Software Availability: Apr-2026

General Notes (Continued)

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 CentOS Stream 9, and the system compiler gcc 11.5.0

sources available from jemalloc.net or <https://github.com/jemalloc/jemalloc/releases>

Platform Notes

BIOS settings:

Adjacent cache line prefetcher set to Enabled

Hardware prefetcher set to Enabled

UPI Power Management set to Enabled

Patrol scrub set to Enabled

XPT prefetch set to Auto

Enhanced CPU performance set to Auto

Sub NUMA clustering set to Enabled

Sysinfo program /home/cpu2026/bin/sysinfo

Rev: 779ab21020787073335a329f3a45e2cd

running on localhost Sun Jun 28 21:29:50 2026

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

Table of contents

-
1. `uname -srv`
 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 254 (254.10+suse.84.ge8d77af424)`
 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

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Platform Notes (Continued)

19. Disk information

20. /sys/devices/virtual/dmi/id

21. dmidecode

22. BIOS

1. uname -srv

Linux 6.4.0-150600.21-default #1 SMP PREEMPT_DYNAMIC Thu May 16 11:09:22 UTC 2024 (36c1e09) x86_64

2. w

21:29:50 up 3:37, 2 users, load average: 49.07, 35.49, 31.50

USER	TTY	FROM	LOGIN@	IDLE	JCPU	PCPU	WHAT
root	tty1	-	17:53	3:34m	3.02s	0.77s	-bash

3. Username

From environment variable \$USER: root

4. ulimit -a

core file size	(blocks, -c)	unlimited
data seg size	(kbytes, -d)	unlimited
scheduling priority	(-e)	0
file size	(blocks, -f)	unlimited
pending signals	(-i)	4124304
max locked memory	(kbytes, -l)	8192
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)	4124304
virtual memory	(kbytes, -v)	unlimited
file locks	(-x)	unlimited

5. sysinfo process ancestry

/usr/lib/systemd/systemd --switched-root --system --deserialize=42

login -- root

-bash

-bash

runcpu --nobuild --reportable --action validate --define default-platform-flags -c

ic2026.0-graniterapids-cpu2026-1.0.1-speed-20260429.cfg --threads 344 --define cores=344 --tune base,peak

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Platform Notes (Continued)

```
-o all --define smt-on --define drop_caches fpspeed
runcpu --nobuild --reportable --action validate --define default-platform-flags --configfile
ic2026.0-graniterapids-cpu2026-1.0.1-speed-20260429.cfg --threads 344 --define cores=344 --tune base,peak
--output_format all --define smt-on --define drop_caches --nopower --runmode speed --tune base:peak --size
refspeed fpspeed --nopreenv --note-preenv --logfile
$SPEC/tmp/CPU2026.023/templogs/preenv.fpspeed.023.0.log --lognum 023.0 --from_runcpu 2
specperl $SPEC/bin/sysinfo
$SPEC = /home/cpu2026
```

6. /proc/cpuinfo

```
model name      : Intel(R) Xeon(R) 6787P
vendor_id       : GenuineIntel
cpu family      : 6
model           : 173
stepping        : 1
microcode       : 0x1000380
bugs            : spectre_v1 spectre_v2 spec_store_bypass swapgs bhi
cpu cores       : 86
siblings        : 172
2 physical ids (chips)
344 processors (hardware threads)
physical id 0:  core ids 0-42,64-106
physical id 1:  core ids 0-42,64-106
physical id 0:  apicids 0-85,128-213
physical id 1:  apicids 256-341,384-469
```

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 2.39.3:

Architecture:	x86_64
CPU op-mode(s):	32-bit, 64-bit
Address sizes:	46 bits physical, 57 bits virtual
Byte Order:	Little Endian
CPU(s):	344
On-line CPU(s) list:	0-343
Vendor ID:	GenuineIntel
BIOS Vendor ID:	Intel(R) Corporation
Model name:	Intel(R) Xeon(R) 6787P
BIOS Model name:	Intel(R) Xeon(R) 6787P CPU @ 2.0GHz
BIOS CPU family:	179
CPU family:	6
Model:	173
Thread(s) per core:	2

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Platform Notes (Continued)

Core(s) per socket: 86
Socket(s): 2
Stepping: 1
CPU(s) scaling MHz: 21%
CPU max MHz: 3800.0000
CPU min MHz: 800.0000
BogoMIPS: 4000.00

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 aperfmperf tsc_known_freq pni
pclmulqdq dtes64 monitor ds_cpl vmx 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 intel_ppin cdp_l2
ssbd mba ibrs ibpb stibp ibrs_enhanced tpr_shadow flexpriority ept
vpid ept_ad fsgsbase tsc_adjust bmi1 hle avx2 smep bmi2 erms invpcid
rtm cqm rdt_a avx512f avx512dq rdseed adx smap 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
split_lock_detect user_shstk avx_vnni avx512_bf16 wbnoinvd dtherm ida
arat pln pts hwp hwp_act_window hwp_epp hwp_pkg_req vnmi avx512vbmi
umip pku ospke waitpkg avx512_vbmi2 gfni vaes vpclmulqdq avx512_vnni
avx512_bitalg tme avx512_vpopcntdq la57 rdpid bus_lock_detect
cldemote movdiri movdir64b enqcmd fsrm md_clear serialize tsxldtrk
pconfig arch_lbr ibt amx_bf16 avx512_fp16 amx_tile amx_int8 flush_l1d
arch_capabilities

Virtualization:

L1d cache: 8.1 MiB (172 instances)
L1i cache: 10.8 MiB (172 instances)
L2 cache: 344 MiB (172 instances)
L3 cache: 672 MiB (2 instances)

NUMA node(s): 2
NUMA node0 CPU(s): 0-85,172-257
NUMA node1 CPU(s): 86-171,258-343

Vulnerability Gather data sampling: Not affected
Vulnerability Itlb multihit: Not affected
Vulnerability L1tf: Not affected
Vulnerability Mds: Not affected
Vulnerability Meltdown: Not affected
Vulnerability Mmio stale data: Not affected
Vulnerability Reg file data sampling: 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;

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Platform Notes (Continued)

Vulnerability Srbds:

Vulnerability Tsx async abort:

PBRSE-eIBRS Not affected; BHI BHI_DIS_S

Not affected

Not affected

From lscpu --cache:

NAME	ONE-SIZE	ALL-SIZE	WAYS	TYPE	LEVEL	SETS	PHY-LINE	COHERENCY-SIZE
L1d	48K	8.1M	12	Data	1	64	1	64
L1i	64K	10.8M	16	Instruction	1	64	1	64
L2	2M	344M	16	Unified	2	2048	1	64
L3	336M	672M	16	Unified	3	344064	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: 0-85,172-257

node 0 size: 515130 MB

node 0 free: 441500 MB

node 1 cpus: 86-171,258-343

node 1 size: 515973 MB

node 1 free: 508018 MB

node distances:

node 0 1

0: 10 21

1: 21 10

9. /proc/meminfo

MemTotal: 1055849700 kB

10. who -r

run-level 3 Jun 28 17:53

11. Systemd service manager version: systemd 254 (254.10+suse.84.ge8d77af424)

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@ irqbalance iscsi
issue-generator kbdsettings klog lvm2-monitor nscd nvme-fc-boot-connections
nvmmf-autoconnect postfix purge-kernels rollback rsyslog smartd sshd systemd-pstore
virtqemud wicked wickedd-auto4 wickedd-dhcp4 wickedd-dhcp6 wickedd-nanny
enabled-runtime systemd-remount-fs

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Platform Notes (Continued)

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 fsidd gpm grub2-once haveged hv_fcopy_daemon hv_kvp_daemon hv_vss_daemon ipmi
ipmievdev iscsi-init iscsid issue-add-ssh-keys kexec-load ksm kvm_stat libvirt-guests
lunmask man-db-create multipathd nfs nfs-blkmap nfs-server nfsserver rpcbind
rpmconfigcheck rsyncd rtkit-daemon serial-getty@ smartd_generate_opts snmpd snmptrapd
strongswan strongswan-starter svnserve systemd-boot-check-no-failures systemd-confext
systemd-network-generator systemd-nspawn@ systemd-sysext systemd-time-wait-sync
systemd-timesyncd tcsd udisks2 virtinterfaced virtlockd virtlogd virtnetworkd virtnodedevd
virtnwfilterd virtsecret virtstoraged
indirect pcsd systemd-userdbd tftp wickedd

13. Linux kernel boot-time arguments, from /proc/cmdline
BOOT_IMAGE=/boot/vmlinuz-6.4.0-150600.21-default
root=UUID=164e42fe-9eb7-4cc5-9a7d-0451c23f36b9
splash=silent
resume=/dev/disk/by-uuid/b4ff94da-d908-4fdb-a575-9f9e7887f2f9
mitigations=auto
quiet
security=apparmor

14. cpupower frequency-info
analyzing CPU 206:
current policy: frequency should be within 800 MHz and 3.80 GHz.
The governor "powersave" may decide which speed to use
within this range.
boost state support:
Supported: yes
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

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Platform Notes (Continued)

```
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+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 SP6
```

19. Disk information

SPEC is set to: /home/cpu2026

Filesystem	Type	Size	Used	Avail	Use%	Mounted on
/dev/nvme0n1p3	xfs	741G	121G	621G	17%	/home

20. /sys/devices/virtual/dmi/id

```
Vendor:      Cisco Systems Inc
Product:     UCSC-C240-M8SX
Serial:      WZP29209S1T
```

21. dmidecode

Additional information from dmidecode 3.4 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.

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Platform Notes (Continued)

Memory:

16x 0xCE00 M321R8GA0PB2-CCPPC 64 GB 2 rank 6400

22. BIOS

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

BIOS Vendor: Cisco Systems, Inc.

BIOS Version: C240M8.4.3.6b.0.0430251037

BIOS Date: 04/30/2025

BIOS Revision: 5.35

Compiler Version Notes

```
=====  
C      | 811.tealeaf_s(base, peak) 816.nab_s(base, peak) 881.neutron_s(base,  
      | peak)  
-----
```

```
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64,  
Version 2026.0.0 Build 20260331  
Copyright (C) 1985-2026 Intel Corporation. All rights reserved.  
-----
```

```
=====  
C++    | 803.sph_exa_s(base, peak) 857.namd_s(base, peak) 867.nest_s(base,  
      | peak) 872.marian_s(base, peak)  
-----
```

```
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64,  
Version 2026.0.0 Build 20260331  
Copyright (C) 1985-2026 Intel Corporation. All rights reserved.  
-----
```

```
=====  
C++, C | 809.cactus_s(base, peak)  
-----
```

```
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64,  
Version 2026.0.0 Build 20260331  
Copyright (C) 1985-2026 Intel Corporation. All rights reserved.  
-----
```

```
=====  
Fortran | 800.pot3d_s(base, peak) 820.cloverleaf_s(base, peak)  
      | 822.palm_s(base, peak) 849.fotonik3d_s(base, peak) 865.roms_s(base,  
      | peak)  
-----
```

```
Intel(R) Fortran Compiler for applications running on Intel(R) 64, Version
```

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SPEC CPU®2026 Floating Point Speed Result

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Cisco Systems

Cisco UCS C240 M8 (Intel Xeon 6787P 2.00 GHz processor)

SPECspeed®2026_fp_base = 11.2

SPECspeed®2026_fp_peak = 11.2

CPU2026 License: 9019

Test Sponsor: Cisco Systems

Tested by: Cisco Systems

Test Date: Jun-2026

Hardware Availability: May-2025

Software Availability: Apr-2026

Compiler Version Notes (Continued)

2026.0.0 Build 20260331

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Base Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Fortran benchmarks:

ifx

Benchmarks using both C and C++:

icpx icx

Base Optimization Flags

C benchmarks:

-m64 -std=c18 -Wl,-z,muldefs -Wl,-plugin-opt=-inline-threshold=1500
-xgraniterapids -mprefer-vector-width=512 -O3 -ffp-model=fast -flto
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4 -fiopenmp
-DSPEC_OPENMP -L/usr/local/jemalloc-5.3.0/lib -ljemalloc

C++ benchmarks:

-m64 -std=c++17 -Wl,-z,muldefs -Wl,-plugin-opt=-inline-threshold=1500
-xgraniterapids -mprefer-vector-width=512 -O3 -ffp-model=fast -flto
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4 -pthread
-fiopenmp -DSPEC_OPENMP -L/usr/local/jemalloc-5.3.0/lib -ljemalloc

Fortran benchmarks:

-m64 -stand f18 -Wl,-z,muldefs -Wl,-plugin-opt=-inline-threshold=1500
-xgraniterapids -mprefer-vector-width=512 -O3 -ffp-model=fast -flto
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4 -DSPEC_OPENMP
-fiopenmp -L/usr/local/jemalloc-5.3.0/lib -ljemalloc

Benchmarks using both C and C++:

-m64 -std=c++17 -std=c18 -Wl,-z,muldefs
-Wl,-plugin-opt=-inline-threshold=1500 -xgraniterapids
-mprefer-vector-width=512 -O3 -ffp-model=fast -flto -mfpmath=sse
-funroll-loops -qopt-mem-layout-trans=4 -fiopenmp -DSPEC_OPENMP
-pthread -L/usr/local/jemalloc-5.3.0/lib -ljemalloc



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Peak Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Fortran benchmarks:

ifx

Benchmarks using both C and C++:

icpx icx

Peak Optimization Flags

C benchmarks:

```
811.tealeaf_s: -m64 -std=c18 -Wl,-z,muldefs
-Wl,-plugin-opt=-inline-threshold=1500
-fprofile-generate(pass 1)
-fprofile-use=default.profdata(pass 2) -xHost(pass 1)
-ffp-model=fast -xgraniterapids(pass 2) -flto
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -O3
-mfpmath=sse -funroll-loops -fiopenmp -DSPEC_OPENMP
-L/usr/local/jemalloc-5.3.0/lib -ljemalloc
```

816.nab_s: Same as 811.tealeaf_s

881.neutron_s: basepeak = yes

C++ benchmarks:

803.sph_exa_s: basepeak = yes

```
857.namd_s: -m64 -std=c++17 -Wl,-z,muldefs
-Wl,-plugin-opt=-inline-threshold=1500
-fprofile-generate(pass 1)
-fprofile-use=default.profdata(pass 2) -xHost(pass 1)
-ffp-model=fast -xgraniterapids(pass 2) -flto
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -O3
-mfpmath=sse -funroll-loops -pthread -fiopenmp
-DSPEC_OPENMP -L/usr/local/jemalloc-5.3.0/lib -ljemalloc
```

867.nest_s: basepeak = yes

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Peak Optimization Flags (Continued)

872.marian_s: basepeak = yes

Fortran benchmarks:

800.pot3d_s: basepeak = yes

820.cloverleaf_s: -m64 -stand f18 -wl, -z, muldefs
-wl, -plugin-opt=-inline-threshold=1500
-fprofile-generate(pass 1)
-fprofile-use=default.profddata(pass 2) -xHost(pass 1)
-ffp-model=fast -xgraniterapids(pass 2) -flt0
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -03
-mfpmath=sse -funroll-loops -nostandard-realloc-lhs
-align array32byte -auto -DSPEC_OPENMP -fiopenmp
-L/usr/local/jemalloc-5.3.0/lib -ljemalloc

822.palm_s: basepeak = yes

849.fotonik3d_s: basepeak = yes

865.roms_s: basepeak = yes

Benchmarks using both C and C++:

809.cactus_s: basepeak = yes

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

<http://www.spec.org/cpu2026/results/flags/Intel-ic2026-official-linux64-v1.1.html>

<http://www.spec.org/cpu2026/results/flags/Cisco-Platform-Settings-V2.0-GNR-revP.html>

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

<http://www.spec.org/cpu2026/results/flags/Intel-ic2026-official-linux64-v1.1.xml>

<http://www.spec.org/cpu2026/results/flags/Cisco-Platform-Settings-V2.0-GNR-revP.xml>

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Tested with SPEC CPU®2026 v1.0.1 on 2026-06-28 21:29:49-0400.

Report generated on 2026-07-14 17:22:57 by CPU2026 PDF formatter (unknown).

Originally published on 2026-07-14.