SPEC® CINT2006 Result

Microsoft Corporation
(Test Sponsor: Kenji Mouri)

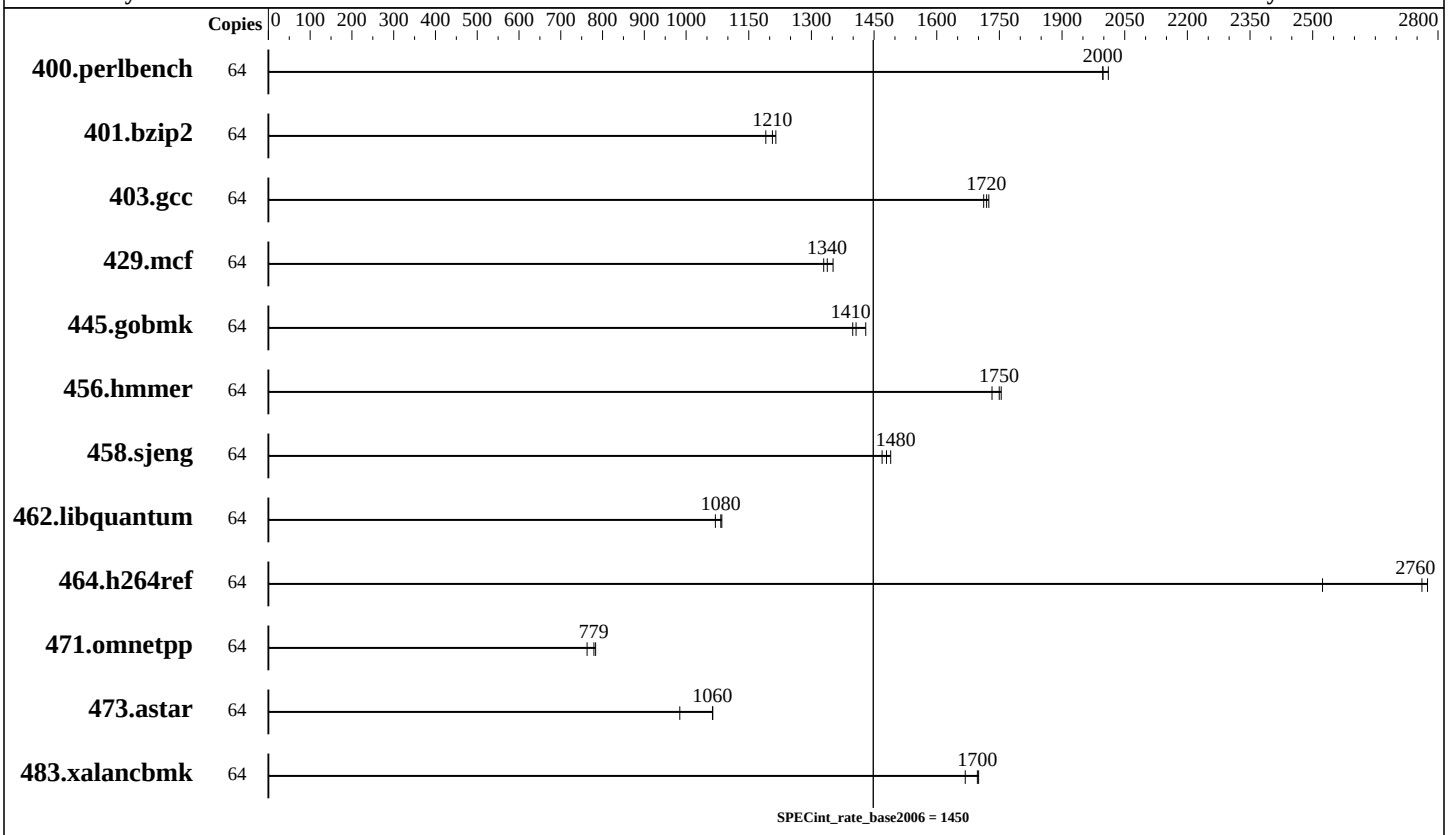
Azure Standard D64s v6

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 1450

CPU2006 license: 3939
Test sponsor: Kenji Mouri
Tested by: Misaki

Test date: Feb-2026
Hardware Availability: Feb-2026
Software Availability: Jan-2026



Hardware

CPU Name:	INTEL XEON PLATINUM 8573C
CPU Characteristics:	INTEL XEON PLATINUM 8573C @ 3.6GHz
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	32 cores, 1 chip, 32 cores/chip, 2 threads/core
CPU(s) orderable:	1 chips
Primary Cache:	1 MB I + 1.5 MB D on chip per core
Secondary Cache:	64 MB I+D on chip per core
L3 Cache:	260 MB
Other Cache:	None
Memory:	256 GB
Disk Subsystem:	256 GB Premium SSD
Other Hardware:	None

Software

Operating System:	Debian GNU/Linux 12 (bookworm) 6.1.0-43-cloud-amd64
Compiler:	C/C++/Fortran: Version 12.2.0 of GCC, the GNU Compiler Collection
Auto Parallel:	No
File System:	ext4
System State:	Run level 3 (multi-user)
Base Pointers:	64-bit
Peak Pointers:	Not Applicable
Other Software:	None

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Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	64	**313**	**2000**	313	2000	311	2010							
401.bzip2	64	508	1210	519	1190	**512**	**1210**							
403.gcc	64	**300**	**1720**	301	1710	299	1720							
429.mcf	64	439	1330	**436**	**1340**	432	1350							
445.gobmk	64	**477**	**1410**	480	1400	469	1430							
456.hmmer	64	**341**	**1750**	345	1730	340	1750							
458.sjeng	64	**523**	**1480**	527	1470	520	1490							
462.libquantum	64	1239	1070	**1224**	**1080**	1222	1090							
464.h264ref	64	561	2520	**513**	**2760**	510	2770							
471.omnetpp	64	524	763	**513**	**779**	511	783							
473.astar	64	456	985	**423**	**1060**	422	1060							
483.xalancbmk	64	265	1670	**260**	**1700**	260	1700							

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

Submit Notes

```
The config file option 'submit' was used.
```

Platform Notes

```
Sysinfo program /home/misaki/Library/cpu2006/Docs/sysinfo.new
Revision 6993 of 2015-11-06 (b5e8d4b4eb51ed28d7f98696cbe290c1)
running on HimiMisakiBenchmarkIntel64 Fri Feb 13 21:07:02 2026

This section contains SUT (System Under Test) info as seen by
some common utilities.  To remove or add to this section, see:
  http://www.spec.org/cpu2006/Docs/config.html#sysinfo

From /proc/cpuinfo
   model name : INTEL(R) XEON(R) PLATINUM 8573C
      1 "physical id"s (chips)
      64 "processors"
   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 : 32
      siblings  : 64
      physical 0: cores 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
      22 23 24 25 26 27 28 29 30 31
   cache size : 266240 KB

From /proc/meminfo
   MemTotal:       263920464 kB
```

Continued on next page

Platform Notes (Continued)

```
      HugePages_Total:       0
      Hugepagesize:       2048 kB

   /usr/bin/lsb_release -d
      Debian GNU/Linux 12 (bookworm)

   From /etc/*release* /etc/*version*
      cloud-release:
         ID=azure
         VERSION="20260210-2384"
      debian_version: 12.13
      os-release:
         PRETTY_NAME="Debian GNU/Linux 12 (bookworm)"
         NAME="Debian GNU/Linux"
         VERSION_ID="12"
         VERSION="12 (bookworm)"
         VERSION_CODENAME=bookworm
         ID=debian
         HOME_URL="https://www.debian.org/"
         SUPPORT_URL="https://www.debian.org/support"

   uname -a:
      Linux HimiMisakiBenchmarkIntel64 6.1.0-43-cloud-amd64 #1 SMP PREEMPT_DYNAMIC
      Debian 6.1.162-1 (2026-02-08) x86_64 GNU/Linux

   run-level 5 Feb 12 10:05

   SPEC is set to: /home/misaki/Library/cpu2006
      Filesystem     Type  Size  Used Avail Use% Mounted on
      /dev/nvme0n1p1 ext4  252G  8.4G  233G   4% /
   Additional information from dmidecode:

      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.


   (End of data from sysinfo program)
```

Base Compiler Invocation

C benchmarks:
gcc

C++ benchmarks:
g++

Base Portability Flags

400.perlbench: `-DSPEC_CPU_LP64 -DSPEC_CPU_LINUX_X64`
401.bzip2: `-DSPEC_CPU_LP64`
403.gcc: `-DSPEC_CPU_LP64`
429.mcf: `-DSPEC_CPU_LP64`
445.gobmk: `-DSPEC_CPU_LP64`
456.hmmer: `-DSPEC_CPU_LP64`
458.sjeng: `-DSPEC_CPU_LP64`
462.libquantum: `-DSPEC_CPU_LP64 -DSPEC_CPU_LINUX`
464.h264ref: `-DSPEC_CPU_LP64 -fsigned-char`
471.omnetpp: `-DSPEC_CPU_LP64`
473.astar: `-DSPEC_CPU_LP64`
483.xalancbmk: `-DSPEC_CPU_LP64 -DSPEC_CPU_LINUX`

Base Optimization Flags

C benchmarks:
`-std=gnu89 -m64 -march=native -mprefer-vector-width=512 -O2 -flto -fno-strict-aliasing`

C++ benchmarks:
`-std=c++03 -m64 -march=native -mprefer-vector-width=512 -O2 -flto -fno-strict-aliasing`

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.2.
Report generated on Sat Feb 14 10:08:19 2026 by SPEC CPU2006 PS/PDF formatter v6401.