



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Blade 1000 Model 1750

SPECint2000 = 396
SPECint_base2000 = 377

SPEC license #: 6 Tested by: Sun Microsystems, Palo Alto Test date: Jun-2001 Hardware Avail: Sep-2000 Software Avail: Jul-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	473	296	473	296	
175.vpr	1400	436	321	414	338	
176.gcc	1100	267	411	264	417	
181.mcf	1800	408	441	406	443	
186.crafty	1000	246	407	236	424	
197.parser	1800	507	355	484	372	
252.eon	1300	344	378	315	413	
253.perlbnk	1800	476	378	448	401	
254.gap	1100	418	263	406	271	
255.vortex	1900	383	496	321	592	
256.bzip2	1500	338	444	325	461	
300.twolf	3000	749	400	710	423	

Hardware

CPU: UltraSPARC-III
CPU MHz: 750
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1-2
Parallel: None
Primary Cache: 32KBI+64KBD on chip
Secondary Cache: 8MB(I+D) off chip
L3 Cache: None
Other Cache: None
Memory: 1GB
Disk Subsystem: 1 x 36GB
Other Hardware: --

Software

Operating System: Solaris 8 1/01
Compiler: Forte Developer 6 update 2
File System: UFS
System State: Single User

Notes/Tuning Information

Portability:

```
176.gcc: -Dalloca=__builtin_alloca -DHOST_WORDS_BIG_ENDIAN
186.crafty: -DSUN
252.eon: -library=iostream
253.perlbnk: -DSPEC_CPU2000_SOLARIS
254.gap: -DSYS_IS_USG -DSYS_HAS_TIME_PROTO -DSYS_HAS_SIGNAL_PROTO
        -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_IOCTL_PROTO
```

Base Flags:

```
Base C flags: -fast -xcrossfile -xprofile
Base C++ flags: -fast -xcrossfile -xprofile
```

Peak Flags:

```
164.gzip: basepeak=yes
175.vpr: -fast -xalias_level=std -xcrossfile -xdepend -xregs=syst -W2,-whole -xprofile
        -lmopt
176.gcc: -fast -xcrossfile -W2,-whole -Wc,-Qgsched-trace_late=1,-Qgsched-T4 -xprofile
181.mcf: -fast -xcrossfile -xdepend -Wc,-Qgsched-trace_late=1,-Qgsched-T4 -xsafe=mem
        -xprofile
```



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Blade 1000 Model 1750

SPECint2000 =	396
SPECint_base2000 =	377

SPEC license #:	6	Tested by:	Sun Microsystems, Palo Alto	Test date:	Jun-2001	Hardware Avail:	Sep-2000	Software Avail:	Jul-2001
-----------------	---	------------	-----------------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

```

186.crafty: -fast -xcrossfile -Wc,-Qgsched-trace_late=1,-Qgsched-T4 -xalias_level=strong
            -xregs=syst -xchip=ultra2 -xprofile
197.parser: -fast -xcrossfile -xdepend -xregs=syst -Wc,-Qgsched-trace_late=1,-Qgsched-T4
            -xalias_level=strong -xprofile
252.eon: -fast -xcrossfile -xsafe=mem -Qoption iropt -Mt500,-restrict_g,-restrict
          -Qoption cg -Qgsched-trace_late=1,-Qgsched-T4 -xprofile
253.perlbnk: -fast -Wc,-Qgsched-trace_late=1,-Qgsched-T4,-Qgsched-trace_spec_load=1
             -xcrossfile -xalias_level=std -xsafe=mem -xprofile
254.gap: -fast -xarch=v8 -W2,-crit,-whole -xcrossfile -Wc,-Qiselect-funcalign=32
          -xalias_level=std -xprofile
255.vortex: -fast -xsafe=mem -xcrossfile -W2,-Aheap,-reroll=1,-Aunroll,-Ms1,-Mt500,-Mr6000,-crit
            -Wc,-Qdepgraph-early_cross_call=1 -Wc,-Qiselect-funcalign=32 -Wc,-Qpeep-Sh0
            -xrestrict -xdepend -Wc,-Qgsched-trace_late=1,-Qgsched-T4 -xprofile
256.bzip2: -fast -xarch=v8 -W2,-Abopt -xcrossfile -xalias_level=strong
            -Wc,-Qiselect-funcalign=32 -xdepend -xregs=syst -xprofile
300.twolf: -fast -xalias_level=std -W2,-whole -xsafe=mem -xprofile

```

Note:

ONESTEP=yes for all benchmarks.

System configuration details located (as of June 2001) at
<http://www.sun.com/desktop/sunblade1000>