CINT2000 Result

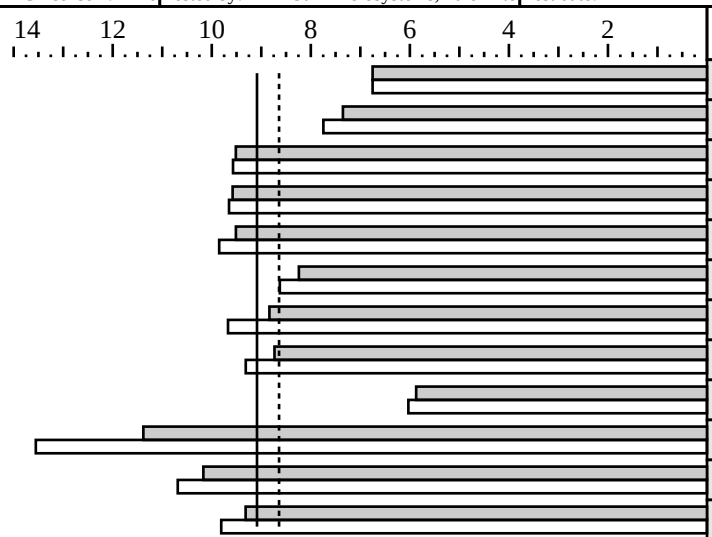
Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Blade 1000 Model 2750

SPECint_rate2000 = 9.09

SPECint_rate_base2000 = 8.64

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	481	6.75	2	481	6.75
175.vpr	2	442	7.35	2	419	7.75
176.gcc	2	268	9.51	2	267	9.57
181.mcf	2	436	9.58	2	433	9.65
186.crafty	2	244	9.51	2	236	9.85
197.parser	2	507	8.24	2	484	8.63
252.eon	2	341	8.84	2	312	9.67
253.perlbmk	2	478	8.73	2	448	9.31
254.gap	2	435	5.87	2	423	6.03
255.vortex	2	387	11.4	2	325	13.6
256.bzip2	2	342	10.2	2	326	10.7
300.twolf	2	747	9.32	2	710	9.81

Hardware

CPU:	UltraSPARC-III
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 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.perlbmk: -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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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.perlbmk: -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
```