CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

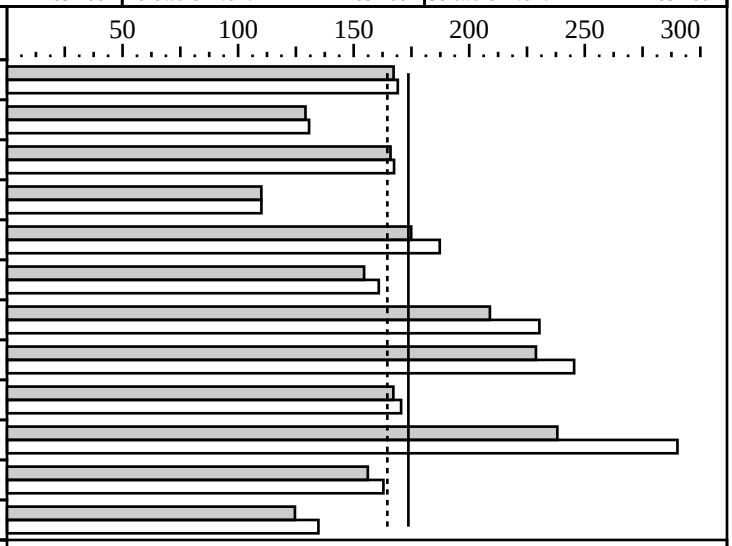
Sun Microsystems
Sun Blade 100

SPECint2000 = 174

SPECint_base2000 = 165

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	837	167	828	169
175.vpr	1400	1084	129	1071	131
176.gcc	1100	663	166	657	167
181.mcf	1800	1635	110	1635	110
186.crafty	1000	572	175	534	187
197.parser	1800	1165	155	1119	161
252.eon	1300	622	209	564	230
253.perlbmk	1800	786	229	734	245
254.gap	1100	658	167	645	171
255.vortex	1900	798	238	655	290
256.bzip2	1500	961	156	921	163
300.twolf	3000	2408	125	2226	135



Hardware

CPU:	UltraSPARC-IIe
CPU MHz:	500
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	None
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	256MB
Disk Subsystem:	1 x 15GB
Other Hardware:	--

Software

Operating System:	Solaris 8 10/00
Compiler:	Forte Developer 6 update 1
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,no%Cstd
    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 C   flags: -fast -xcrossfile -xprofile
Base C++ flags: -fast -xcrossfile -xprofile

Peak:
164.gzip: -fast -xalias_level=std -xcrossfile -W2,-whole -xprofile
175.vpr: -fast -xalias_level=std -xcrossfile -xdepend -xregs=syst -W2,-whole
         -lmopt -xprofile
176.gcc: -fast -xcrossfile -Wc,-Qgsched-trace_late=1,-Qgsched-T4 -W2,-whole -xprofile
181.mcf: -fast -xcrossfile -xdepend -Wc,-Qgsched-trace_late=1,-Qgsched-T4 -xprofile
186.crafty: -fast -xcrossfile -Wc,-Qgsched-trace_late=1,-Qgsched-T4
            -xalias_level=strong -xregs=syst -xprofile
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
197.parser: -fast -xcrossfile -xdepend -xregs=syst -Wc,-Qgsched-trace_late=1,-Qgsched-T4
            -xalias_level=strong -xprofile
252.eon: -fast -xcrossfile -Qoption iropt -Mt500,-restrict_g,-restrict,-04+bcopy
         -lmopt  -xprofile
253.perlbmk: -fast -xcrossfile -Wc,-Qgsched-trace_late=1,-Qgsched-T4,-Qgsched-trace_spec_load=1
             -xalias_level=std -xsafe=mem -W2,-O4+bcopy -xprofile
254.gap: -fast -xarch=v8 -xcrossfile -W2,-whole -Wc,-Qiselect-funcalign=32
         -xalias_level=std  -xprofile
255.vortex: -fast -xsafe=mem -xcrossfile -W2,-Aheap,-reroll=1,-Aunroll,-Ms1,-Mt500,-Mr6000,-crit,-O4+bcopy
            -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=strong -W2,-whole -xprofile

Note: ONESTEP=yes for all benchmarks.
System configuration details located (as of 02/2001) at
        http://www.sun.com/desktop/sunblade100/
```