CINT2000 Result

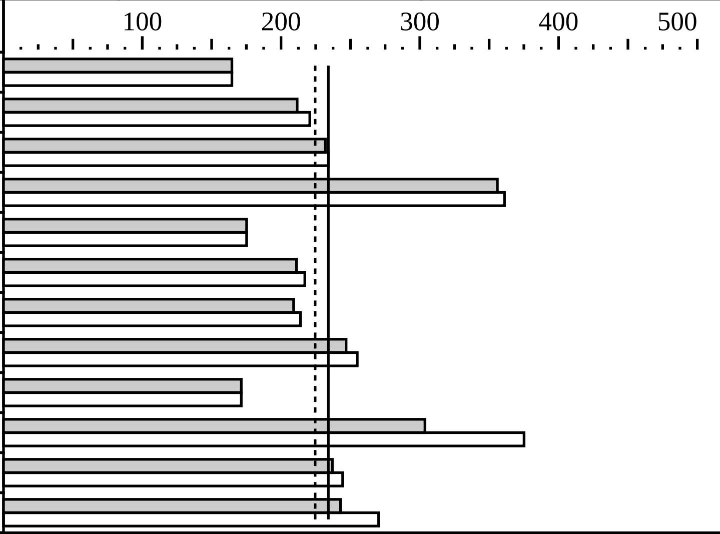
Sun Microsystems
Sun Enterprise 450

SPECint2000 = 234

SPECint_base2000 = 225

SPEC license #: 6	Tested by: Sun Microsystems, Palo Alto	Test date: Aug-2000	Hardware Avail: Aug-2000	Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	851	165	851	165
175.vpr	1400	662	212	634	221
176.gcc	1100	474	232	470	234
181.mcf	1800	506	356	499	361
186.crafty	1000	571	175	571	175
197.parser	1800	853	211	829	217
252.eon	1300	622	209	608	214
253.perlbmk	1800	729	247	706	255
254.gap	1100	642	171	642	171
255.vortex	1900	626	304	506	375
256.bzip2	1500	633	237	614	244
300.twolf	3000	1235	243	1110	270



Hardware

CPU:	UltraSPARC II
CPU MHz:	480
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1 to 4
Parallel:	None
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	8MB(I+D) off chip
L3 Cache:	None
Other Cache:	None
Memory:	512MB
Disk Subsystem:	2*9.1GB(7200 RPM)
Other Hardware:	

Software

Operating System:	Solaris 8
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
Portability: 186.crafty: -DSUN
Portability: 252.eon: -library=iostream,no%Cstd
Portability: 253.perlbmk: -DSPEC_CPU2000_SOLARIS
Portability: 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 flags:
  164.gzip   : -fast -xcrossfile -xprofile
  175.vpr    : -fast -xalias_level=std -xcrossfile -xprofile -dn
  176.gcc    : -fast -xcrossfile -xprofile -dn
  181.mcf    : -fast -xcrossfile -xprofile -dn
  186.crafty : -fast -xcrossfile -xprofile
  197.parser : -fast -xalias_level=std -xcrossfile -xprofile -dn
  252.eon    : -fast -xcrossfile -xprofile -dn
```

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Notes/Tuning Information (Continued)

```
    253.perlbmk: -fast -xalias_level=std -xcrossfile -xprofile -dn
    254.gap    : -fast -xcrossfile -xprofile
    255.vortex : -fast -xsafe=mem -xcrossfile -W2,-Mt500,-Mr6000,-crit -xalias_level=std -xprofile -dn
    256.bzip2  : -fast -xarch=v8 -W2,-Abopt -xcrossfile -xalias_level=std -Wc,-Qiselect-funcalign=32 -xprofile -dn
    300.twolf  : -fast -xO5 -xarch=v8plus -W2,-whole -xprofile
  Proper operation of -xcrossfile requires simultaneous presentation of all source
  files to the compiler.  This is accomplished within the SPECcpu2000 suite by
  setting ONESTEP = yes.
```