



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems Sun Blade 1000 Model 2750

SPECint_rate2000 = 9.01
SPECint_rate_base2000 = 8.45

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	489	6.65	2	477	6.81
175.vpr	2	437	7.43	2	407	7.98
176.gcc	2	269	9.47	2	266	9.60
181.mcf	2	472	8.84	2	429	9.73
186.crafty	2	273	8.49	2	250	9.29
197.parser	2	521	8.02	2	482	8.66
252.eon	2	334	9.03	2	325	9.28
253.perlbnk	2	472	8.84	2	456	9.16
254.gap	2	438	5.82	2	428	5.96
255.vortex	2	384	11.5	2	329	13.4
256.bzip2	2	363	9.58	2	332	10.5
300.twolf	2	756	9.21	2	708	9.84

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: No
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 18GB
Other Hardware: --

Software

Operating System: Solaris 8 update 2
Compiler: Forte Developer 6 update 1
File System: UFS
System State: single user

Notes/Tuning Information

Portability: 252.eon: -library=iostream,no%Cstd

Base C flags: -fast -xcrossfile -xprofile

Base C++ flags: -fast -xcrossfile -xprofile MATHLIBOPT=

Peak:

164.gzip: -fast -xalias_level=std -xcrossfile -W2,-whole -xprofile

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

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 -lmopt

253.perlbnk: -fast -Wc,-Qgsched-trace_late=1,-Qgsched-T4,-Qgsched-trace_spec_load=1



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Blade 1000 Model 2750

SPECint_rate2000 = 9.01
SPECint_rate_base2000 = 8.45

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

Notes/Tuning Information (Continued)

```

-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=strong -W2,-whole -xsafe=mem -xprofile

```

Note: ONESTEP=yes in base and peak for all benchmarks.

Note: Forte Developer 6 update 1 patches include:

109505-08,109508-04,109513-06

For results with recommended patch 111228-01 and obp 4.0.40 (or later), see publication in July-2001