SPEC CINT95rate Results

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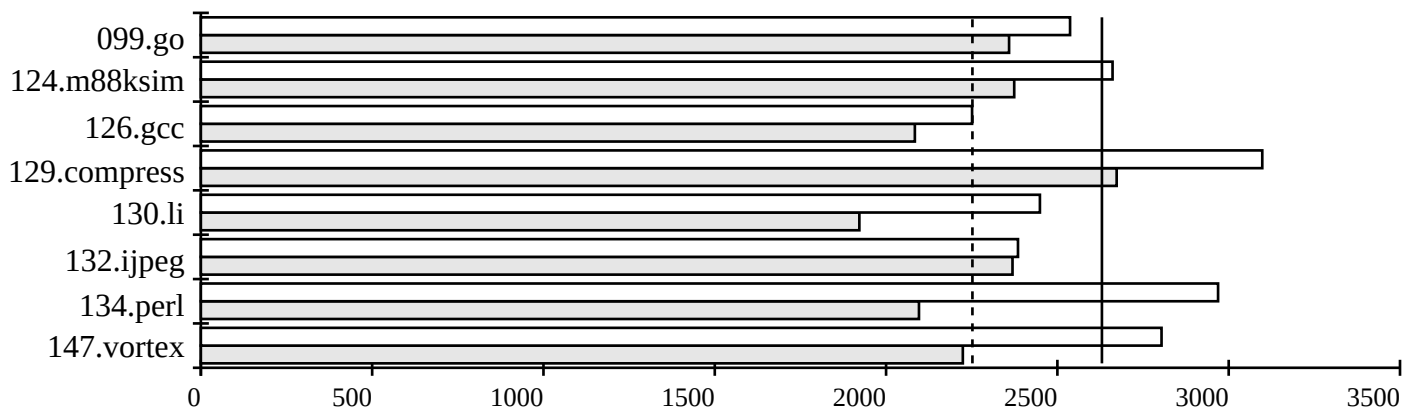
Sun Microsystems
Enterprise Server Model 6002/30

SPECint_rate95 = 2630

SPECint_rate_base95 = 2252

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Mar-97	Hardware Avail: Apr-97	Software Avail: Oct-97



Hardware/Software Configuration for:
Enterprise Server Model 6002/30

Hardware

Model Name:	Enterprise Server Model 6002/30
CPU:	250MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	30
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4096KB(I+D) off chip
Other Cache:	None
Memory:	6GB
Disk Subsystem:	4 x 2.1GB
Other Hardware:	FastEthernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun C 5.0 alpha
File System:	UFS
System State:	MultiUser

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	30	526	2359	30	489	2537
124.m88ksim	30	216	2374	30	193	2661
126.gcc	30	220	2084	30	204	2251
129.compress	30	182	2673	30	157	3098
130.li	30	267	1922	30	209	2449
132.ijpeg	30	274	2369	30	272	2385
134.perl	30	245	2096	30	173	2969
147.vortex	30	328	2224	30	260	2804
SPECint_rate_base95 (G. Mean)			2252			
SPECint_rate95 (G. Mean)						2630

Notes/Tuning Information

```
Baseline: -fast -xO5 -xarch=v8plusa -xprofile=use
Peak: CULTRA= -xarch=v8plusa -xchip=ultra
099.go: -fast -xO5 -xsafe=mem -xrestrict -xarch=v8plus -W2,-O4+ansi_alias+bopt -xprofile=use
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -W2,-O4+cond_elim,-ldstr
124 cont: -Wc,-Qiselect-sw_pf_tbl_th=20 -xprofile=use
126.gcc: -fast -xO4  -fsimple=2 -W2,-O4+ansi_alias+bopt+cond_elim ${CULTRA} -xprofile=use
129.compress: -fast -xO4 -W2,-O4+ansi_alias -xarch=v8plus -xprofile=use
130.li: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
130.li: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile
130 PASS2 cont: -W2,-O4+ansi_alias,-Mt350,-whole -xprofile=use
132.ijpeg: -fast -xO5 -xsafe=mem  -xarch=v8plus -W2,-O4+ansi_alias -xprofile=use
134.perl: -fast -xO4 ${CULTRA} -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim -Wc,-Qiselect-sw_pf_tbl_th=30 -xprofile=use -lfast
147.vortex: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
147: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use
147 PASS2 cont: -W2,-O4+cond_elim,-Mt350 -Wc,-Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc: -Dalloca=__builtin_alloca -Xc
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config Version @(#)ultras.cfg 1.2 97/01/30
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