SPEC CINT95rate Results

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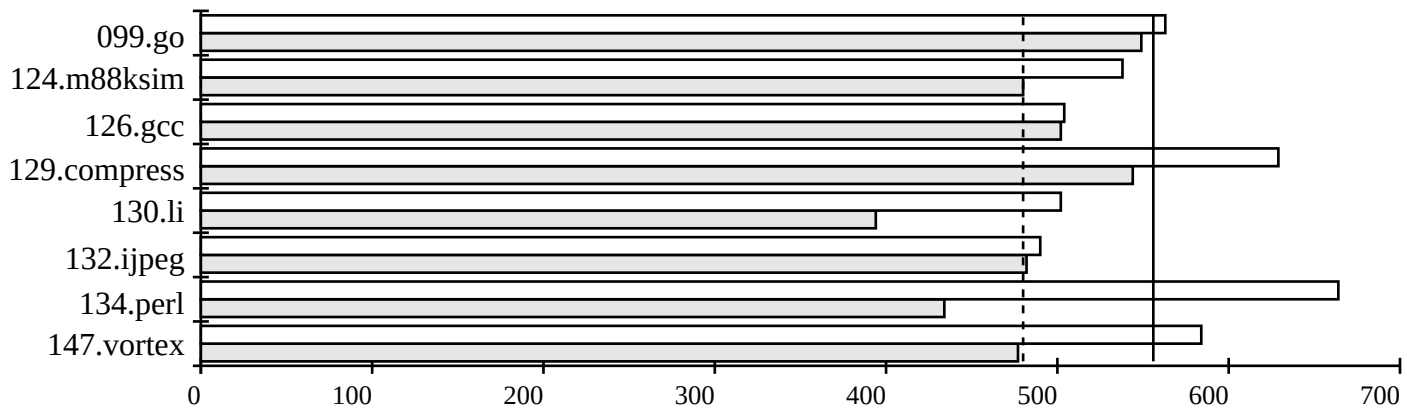
Sun Microsystems
Enterprise Server Model 3002/6

SPECint_rate95 = 556

SPECint_rate_base95 = 480

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 3002/6

Hardware

Model Name:	Enterprise Server Model 3002/6
CPU:	250MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	6
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4096KB(I+D) off chip
Other Cache:	None
Memory:	2GB
Disk Subsystem:	2 x 2.1GB
Other Hardware:	FastEthernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun C SC5.0 EFT(10-97)
File System:	UFS
System State:	MultiUser

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	6	452	549	6	441	563
124.m88ksim	6	214	480	6	191	538
126.gcc	6	183	502	6	182	504
129.compress	6	179	544	6	155	629
130.li	6	261	394	6	204	502
132.ijpeg	6	269	482	6	265	490
134.perl	6	236	434	6	154	664
147.vortex	6	306	477	6	250	584
SPECint_rate_base95 (G. Mean)			480			
			SPECint_rate95 (G. Mean)			556

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
Chakchung.Ng@Eng.Sun.COM (Chakchung Ng)
Wed Apr  9 16:57:37 1997
cpu95-970409-01748.sub
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