SPEC CINT95rate Results

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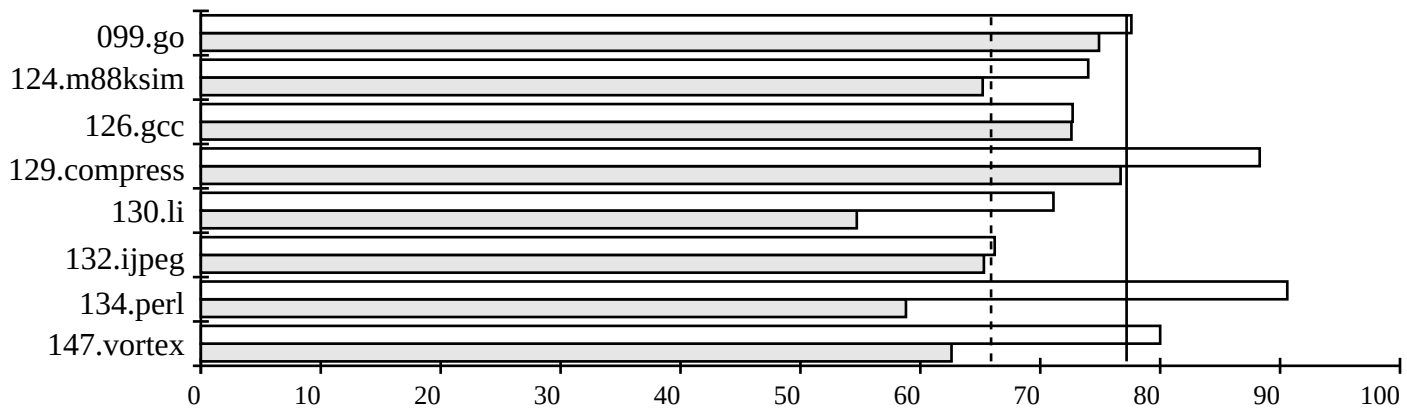
Sun Microsystems
Ultra 2 Creator (3D) Model 1200

SPECint_rate95 = 77.2

SPECint_rate_base95 = 65.9

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



Hardware/Software Configuration for:
Ultra 2 Creator (3D) Model 1200

Hardware

Model Name:	Ultra 2 Creator (3D) Model 1200
CPU:	200MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	1MB(I+D) off chip
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 x 2.1GB 1 x 2.1GB
Other Hardware:	Fast Ethernet

Software

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

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	2	1106	74.9	2	1067	77.6
124.m88ksim	2	525	65.2	2	462	74.0
126.gcc	2	422	72.6	2	421	72.7
129.compress	2	422	76.7	2	367	88.3
130.li	2	625	54.7	2	481	71.1
132.ijpeg	2	662	65.3	2	652	66.2
134.perl	2	582	58.8	2	378	90.6
147.vortex	2	776	62.6	2	607	80.0
SPECint_rate_base95 (G. Mean)			65.9			
			SPECint_rate95 (G. Mean)			77.2

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
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  -xdepend -fsimple=2
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 -xdepend -xsafe=mem  -xarch=v8plus
134.perl: -fast -xO4 ${CULTRA} -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim
134 cont: -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
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc:
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config Version @(#)ultra1x200_fast.cfg 1.0 97/04/16
Walter Bays <Walter.Bays@Eng.Sun.COM>
Wed Apr 30 14:51:10 1997
-- cpu95-970430-01838.sub
```

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