SPEC CINT95rate Results

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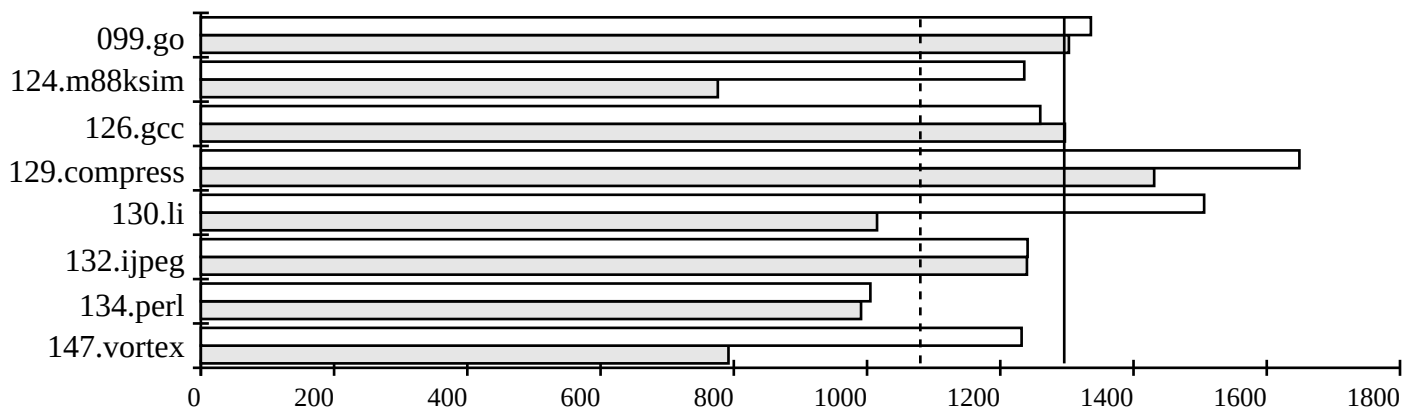
Sun Microsystems
Ultra Enterprise Model 6000/24

SPECint_rate95 = 1296

SPECint_rate_base95 = 1080

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Jul-96	Hardware Avail: Aug-96	Software Avail: May-96



Hardware/Software Configuration for:
Ultra Enterprise Model 6000/24

Hardware

Model Name:	Ultra Enterprise Model 6000/24
CPU:	167MHz UltraSPARC
FPU:	Integrated
Number of CPU(s):	24
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	1024KB(I+D) off chip
Other Cache:	None
Memory:	6144MB
Disk Subsystem:	2 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun C 4.2 alpha
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	24	762	1303	24	744	1336
124.m88ksim	24	529	776	24	332	1236
126.gcc	24	283	1297	24	291	1260
129.compress	24	272	1431	24	236	1649
130.li	24	404	1015	24	273	1506
132.ijpeg	24	418	1240	24	418	1241
134.perl	24	414	991	24	408	1005
147.vortex	24	736	792	24	473	1232
SPECint_rate_base95 (G. Mean)			1080			
			SPECint_rate95 (G. Mean)			1296

Notes/Tuning Information

```
Baseline: -fast -xarch=v8plus -xprofile=use -dn
Peak: CULTRA= -xarch=v8plusa -xchip=ultra -dn
099.go: -fast -xO5 -xarch=v8plus -xchip=ultra -xrestrict -xcrossfile -xprofile=use -xpad -lfast -lmvec
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -xcrossfile -Wc,-Qiselect-sw_pf_tbl_th=20,-Qpeep-Ex:use_int64=1 -xprofile=use
126.gcc: -fast -xO4 -xdepend -xarch=v8plus -xchip=ultra -xcrossfile -fsimple=2 -W2,-O4+ansi_alias ${CULTRA} -xprofile=use -xpad -lfast
129.compress: -fast -xO4 -xarch=v8plus -xcrossfile -W2,-O4+ansi_alias -xprofile=use
130.li: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect -lfast
130.li: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -W2,-O4+ansi_alias+pde,-Mt350 -xprofile=use -lfast
132.ijpeg: -fast -xarch=v8plus -xcrossfile -xprofile=use -xpad -lfast
134.perl: -fast -xarch=v8plus -xcrossfile -xprofile=use ${CULTRA} -lfast
147.vortex: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
147.vortex: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use -W2,-Mr1500,-Mp1000
-Wc,-Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7,-Qpeep-Sb0,-Qpeep-Cl1 -lfast
Portability: 124.m88ksim, 132.ijpeg: -DSYSV, 126.gcc: -Dalloca=__builtin_alloca
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config Version @(#)alabama.cfg 1.0 96/06/13
```

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