SPEC CINT95rate Results

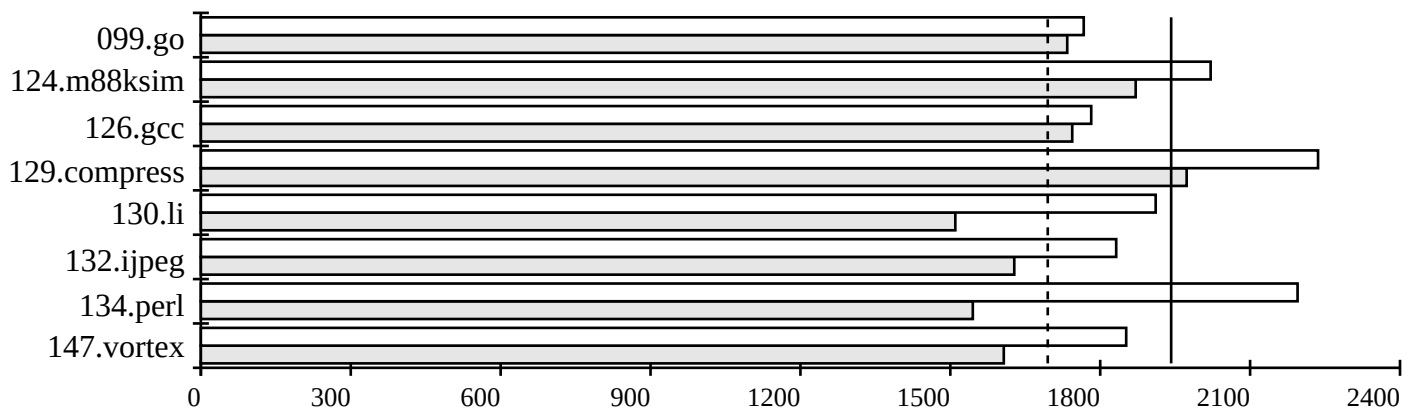
©Copyright 1995, Standard Performance Evaluation Corporation

Sun Microsystems
Ultra Enterprise 6001/24

SPECint_rate95 = 1942

SPECint_rate_base95 = 1695

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Nov-96	Hardware Avail: Jan-97	Software Avail: Nov-96



Hardware/Software Configuration for:
Ultra Enterprise 6001/24

Hardware

Model Name:	Ultra Enterprise 6001
CPU:	250MHz UltraSPARC II
FPU:	integrated
Number of CPU(s):	24
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	1024KB(I+D) off chip
Other Cache:	None
Memory:	6GB
Disk Subsystem:	4 x 2GB
Other Hardware:	Fast Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun C 4.2 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	24	573	1734	24	562	1767
124.m88ksim	24	219	1871	24	203	2021
126.gcc	24	211	1744	24	206	1782
129.compress	24	197	1973	24	174	2236
130.li	24	272	1510	24	215	1911
132.ijpeg	24	319	1628	24	283	1832
134.perl	24	266	1545	24	187	2195
147.vortex	24	363	1607	24	315	1852
SPECint_rate_base95 (G. Mean)			1695			
			SPECint_rate95 (G. Mean)			1942

Notes/Tuning Information

```
Baseline: -fast -xO5 -xarch=v8plusa -xprofile=use
Peak: CULTRA= -xarch=v8plusa -xchip=ultra -dn
099.go: -fast -xO5 -xsafe=mem -xarch=v8plus -W2,-O4+ansi_alias+bopt -xprofile=use
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -W2,-O4+cond_elim
124 cont: -Wc,-Qiselect-sw_pf_tbl_th=20,-Qpeep-Ex:use_int64=1 -xprofile=use
126.gcc: -fast -xO4 -xdepend -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 -Wc,-QrmT1 -xprofile=use
132.ijpeg: -fast -xO5 -xsafe=mem -xdepend -xarch=v8plus -W2,-O4+ansi_alias -Wc,-Qsched-HLnxyhwbli -xprofile=use
134.perl: -fast -xO4 ${CULTRA} -W2,-Mp1,-ANSI_S,-O4+cond_elim -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 -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 @(#)grover1003.cfg 1.59 96/07/23
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org