SPEC CINT95 Results

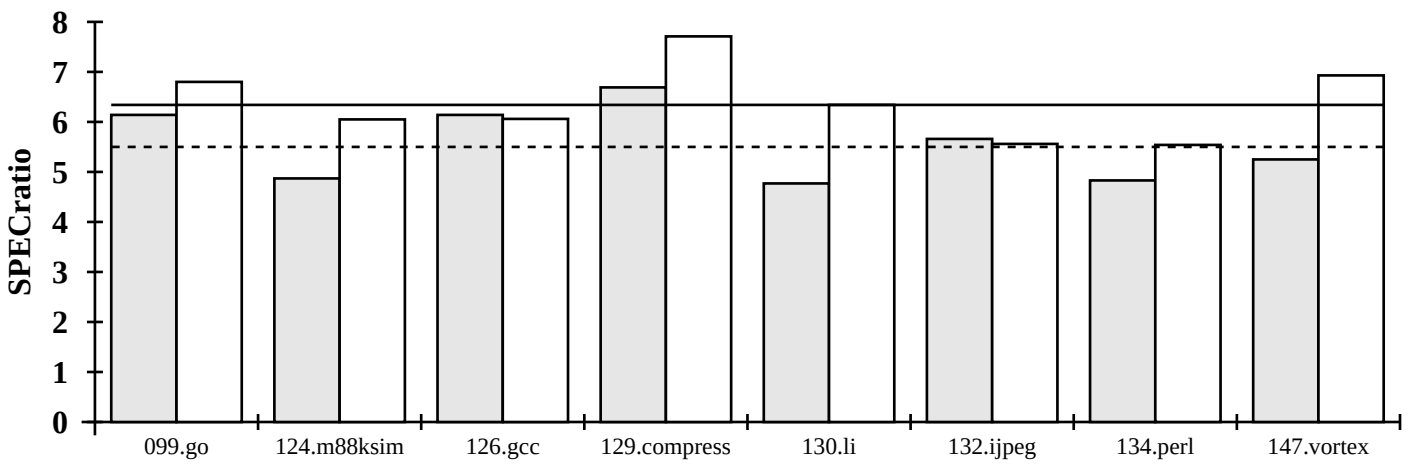
©Copyright 1995, Standard Performance Evaluation Corporation

Sun Microsystems
Ultra 2 Series 1170

SPECint95 = 6.34

SPECint_base95 = 5.50

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



Hardware/Software Configuration for:
Ultra 2 Series 1170

Hardware

Model Name:	Ultra 2 Series 1170
CPU:	167MHz UltraSPARC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	512KB(I+D) off chip
Other Cache:	None
Memory:	256MB
Disk Subsystem:	2 x 1GB
Other Hardware:	Fast 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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	749	6.14	677	6.80
124.m88ksim	1900	390	4.87	314	6.05
126.gcc	1700	277	6.14	281	6.06
129.compress	1800	269	6.69	234	7.71
130.li	1900	398	4.77	300	6.34
132.ijpeg	2400	424	5.66	432	5.56
134.perl	1900	394	4.83	343	5.54
147.vortex	2700	514	5.25	389	6.93
SPECint_base95 (G. Mean)			5.50		
		SPECint95 (G. Mean)			6.34

Notes/Tuning Information

```
Baseline: -fast -xO4 -xarch=v8plus -xprofile=use
Peak: CULTRA= -xarch=v8plusa -xchip=ultra -dn
099.go: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
099.go: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -Wc,-Qpeep-Sb0,-Qpeep-Cl1 -xprofile=use
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -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 ${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 -W2,-O4+ansi_alias,-Mt350 -xprofile=use
132.ijpeg: -fast -xO4 ${CULTRA}
134.perl: -fast -xO4 ${CULTRA} -lfast
147: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use
-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 @(#)ultrafast.cfg 1.39 96/03/13
```

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