SPEC Benchmark CFP95 Summary

SPEC has determined that this result was not in compliance with the SPEC CPU95 run and reporting rules. Specificly, the result did not adhere to the restriction on the number of flags for baseline results; 5 were used instead of 4 or less.

Benchmarks	Base Ref Time	Base Run Time	Base Ratio	Peak Ref Time	Peak Run Time	Peak Ratio
101.tomcatv	3700	NC	NC	3700	NC	NC
102.swim	8600	NC	NC	8600	NC	NC
103.su2cor	1400	NC	NC	1400	NC	NC
104.hydro2d	2400	NC	NC	2400	NC	NC
107.mgrid	2500	NC	NC	2500	NC	NC
110.applu	2200	NC	NC	2200	NC	NC
125.turb3d	4100	NC	NC	4100	NC	NC
141.apsi	2100	NC	NC	2100	NC	NC
145.fpppp	9600	NC	NC	9600	NC	NC
146.wave5	3000	NC	NC	3000	NC	NC
SPECfp_base95 (Geom. Mean)			NC			
SPECfp95 (Geom. Mean)						NC

TESTER INFORMATION

SPEC License #: 6
Tested By: Sun, Palo Alto
Test Date: Jul-98
Hardware Avail: Jul-98
Software Avail: Oct-98

HARDWARE

Model Name: Ultra 450
CPU: 296 MHz UltraSPARC-II
FPU: Integrated
Number of CPU(s): 2
Primary Cache: 16KBI+16KBD on chip
Secondary Cache: 2MB(I+D) off chip
Other Cache: None
Memory: 512MB
Disk Subsystem: 2 x 4.0GB
Other Hardware: Fast Ethernet
System clock frequency: 99 MHz

SOFTWARE

Operating System: Solaris 2.6 3/98
Compiler: Sun f77 SF775.0 EFT1 (8/98)
File System: UFS
System State: Single User
Kernel Extensions: consistent_coloring=1

NOTES

P1= -xprofile=collect:`pwd`/../feedback
P2= -xprofile=use:`pwd`/../feedback
BCOPY=-Qoption iropt -O4+bcopy; INV=-Qoption iropt -O4+invccexp; BMR=-Qoption iropt
Baseline: -fast -xarch=v8plusa -fsimple=2 -xprefetch -xparallel
Peak: -fast -xO4 -xarch=v8plusa -xtarget=ultra2 -xcache=16/32/1:2048/64/1
101.tomcatv: -fast -xarch=v8plusa -xpad=local:23 -xprefetch -xparallel -xreduction -
102.swim: -fast -xarch=v8plusa -xpad=common:15 -xprefetch -fsimple=2 -xparallel
103.su2cor: -fast -xarch=v8plusa -xvector -Qoption cg -Qms_pipe+nfll=5 -fsimple=2
103.su2cor: PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
104.hydro2d: -fast -xarch=v8plusa -xprefetch -Qoption iropt -O4+pde -fsimple=2 -xpar
104.hydro2d: PASS1= ${P1}; PASS2= ${P2};
107.mgrid: -fast -xarch=v8plusa -xprefetch -fsimple=2 ${BCOPY} -xparallel
107.mgrid: PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
110.applu: -fast -xarch=v8plusa -Qoption iropt -O4+scalarrep+ddint+perfect+loop_di
110 cont: -fsimple=2 -xparallel
125.turb3d: -fast -xarch=v8plusa -stackvar -xpad -fsimple=2 ${INV}
125.turb3d: PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
141.apsi: -fast -xarch=v8plusa -xchip=ultra3 -fsimple=2 -stackvar -Qoption iropt
141.apsi: PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
145.fpppp: -fast -xarch=v8plusa -xO5 -xsafe=mem -fsimple=2 -nodepend -Qoption irop
145.fpppp: PASS1= ${P1}; PASS2= ${P2};
146.wave5:   -fast -xarch=v8plusa -stackvar -fsimple=2 -Qoption iropt -O4+unroll ${
Shell limits: # ulimit -n 1024 or % limit descriptors 1024
Config file: ultra450mp_fp.cfg