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.

New results submitted on the same platform can be found at:

http://www.spec.org/osg/cpu95/results/res2000q1/cpu95-20000118-04009.html

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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: Apr-99
Hardware Avail: May-99
Software Avail: Feb-99

HARDWARE

Model Name: Ultra 60 Model 2450
CPU: 450 MHz UltraSPARC-II
FPU: Integrated
Number of CPU(s): 2
Primary Cache: 16KBI+16KBD on chip
Secondary Cache: 4MB(I+D) off chip
Other Cache: None
Memory: 512MB
Disk Subsystem: 2 x 9.1GB (7200 RPM)
Other Hardware: Fast Ethernet
System clock frequency: 112.5 MHz

SOFTWARE

Operating System: Solaris 7 (64bit)
Compiler: Sun WorkShop FORTRAN 77 5.0

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       File System: UFS
      System State: Single User
 Kernel Extensions: consistent_coloring=1
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NOTES

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P1= -xprofile=collect:`pwd`/../feedback
P2= -xprofile=use:`pwd`/../feedback
BCOPY= -Qoption iropt -O4+bcopy; INV = -Qoption iropt -O4+invccexp; BMR = -Qoption i
Baseline: -fast -xarch=v8plusa -fsimple=2 -xprefetch -xparallel
101.tomcatv: -fast -xarch=v8plusa -s -xpad=local:23 -xprefetch -xparallel -xreductio
102.swim:    -fast -xarch=v8plusa -s -xpad=common:15 -xprefetch -fsimple=2 -xparalle
103.su2cor:  -fast -xarch=v8plusa -s -xvector -Qoption cg -Qms_pipe+nfl1=5 -fsimple=
103.su2cor:  PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
104.hydro2d: -fast -xarch=v8plusa -s -xprefetch -Qoption iropt -O4+pde -fsimple=2 -x
104.hydro2d:  PASS1= ${P1}; PASS2= ${P2};
107.mgrid: -fast -xarch=v8plusa -fsimple=2 -xprefetch -xparallel
110.applu: -fast -xarch=v8plusa -s -Qoption iropt -O4+scalarrep+ddint+perfect+loop_d
110 cont: -fsimple=2  -xparallel
125.turb3d:  -fast -xarch=v8plusa -s -stackvar -xpad -fsimple=2 ${INV}
125.turb3d:  PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
141.apsi:    -fast -xarch=v8plusa -s -xchip=ultra3 -fsimple=2 -stackvar  -Qoption ir
141.apsi:    PASS1= -xO4 ${P1}; PASS2= -xO5 -xsafe=mem ${P2};
145.fpppp:   -fast -xarch=v8plusa -s -xO5 -xsafe=mem -fsimple=2 -nodepend -Qoption i
145.fpppp:   PASS1= ${P1}; PASS2= ${P2};
146.wave5:   -fast -xarch=v8plusa  -s -stackvar -fsimple=2 -Qoption iropt -O4+unroll
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config file: ultraMPbest.cfg
```