SPEC CFP95rate Results

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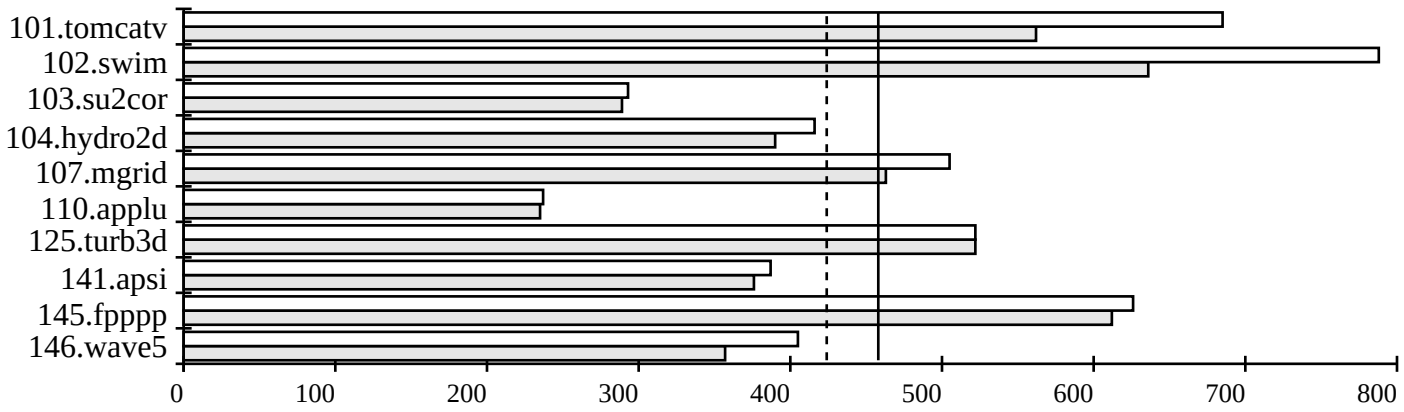
IBM Corporation
RS/6000 SP-375MHz T/W (1 CPU)

SPECfp_rate95 = 458

SPECfp_rate_base95 = 424

SPEC license # 11 | Tested By: IBM, Austin, TX | Test Date: Dec-1999 | Hardware Avail: Feb-2000 | Software Avail: Feb-2000



SPECrate

Hardware/Software Configuration for:
RS/6000 SP-375MHz T/W (1 CPU)

Hardware

Model Name:	RS/6000 SP-375MHz T/W (1 CPU)
CPU:	375 MHz Power3-II
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KB I + 64KB D (on chip)
Secondary Cache:	8MB unified (off chip)
Other Cache:	None
Memory:	4096 MB
Disk Subsystem:	2x9.1GB IBM Fast/Wide SCSI 7200 RPM
Other Hardware:	Ethernet

Software

Operating System:	AIX 4.3.3
Compiler:	XL Fortran version 6.1.0.0 KAP version 3.2 VAST-2 version 4.01X8
File System:	AIX/JFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	59.3	562	1	49	685
102.swim	1	122	636	1	98	788
103.su2cor	1	43.6	289	1	43	293
104.hydro2d	1	55.4	390	1	52	416
107.mgrid	1	48.6	463	1	45	505
110.applu	1	84.2	235	1	84	237
125.turb3d	1	70.6	522	1	71	522
141.apsi	1	50.3	376	1	49	387
145.fpppp	1	141	612	1	138	626
146.wave5	1	75.7	357	1	67	405
SPECfp_rate_base95 (G. Mean)			424			
SPECfp_rate95 (G. Mean)						458

Notes/Tuning Information

```
Base: -O4 -qipa=level=2:noobject -lmass
Peak
101: -O4 -qipa=level=2:noobject -qhot=arraypad=52 -bnso -bI:/lib/syscalls.exp
102: -O4 -qipa=level=2:noobject -qhot=arraypad=28 -qstrict -qpdf1/pdf2 -lmass
103: -O4 -qipa=level=2:noobject -qhot=arraypad=44 -Pv -Wp,-ew,-o -lmass -bnso -bI:/lib/syscalls.exp
104: -O3 -qarch=pwr3 -qpdf1/pdf2 -bnso -bI:/lib/syscalls.exp
107: -O4 -qipa=level=2:noobject -lmass -bnso -bI:/lib/syscalls.exp; fdpr -R2
110: -O4 -qipa=level=2:noobject -qnosave -lmass
125: -O4 -qipa=level=2:noobject -qnosave -lmass
141: -O3 -qhot -qtbtable=none -qarch=pwr3 -qnosave -lmass -bnso -bI:/lib/syscalls.exp
145: -O4 -Q -Pv -Wp,-ea27,-o -1 -qnosave -qmaxmem=-1 -qpdf1/pdf2 -lmass -bnso -bI:/lib/syscalls.exp
146: -O3 -qarch=pwr3 -Pk -Wp,-ag=a,-f -qxlf77=nopersistent -lmass -bnso -bI:/lib/syscalls.exp
NOTE: 2 CPUs were installed, but one was disabled via the service processor setup menu.
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-- Prepared By: --