SPEC CFP95rate Results

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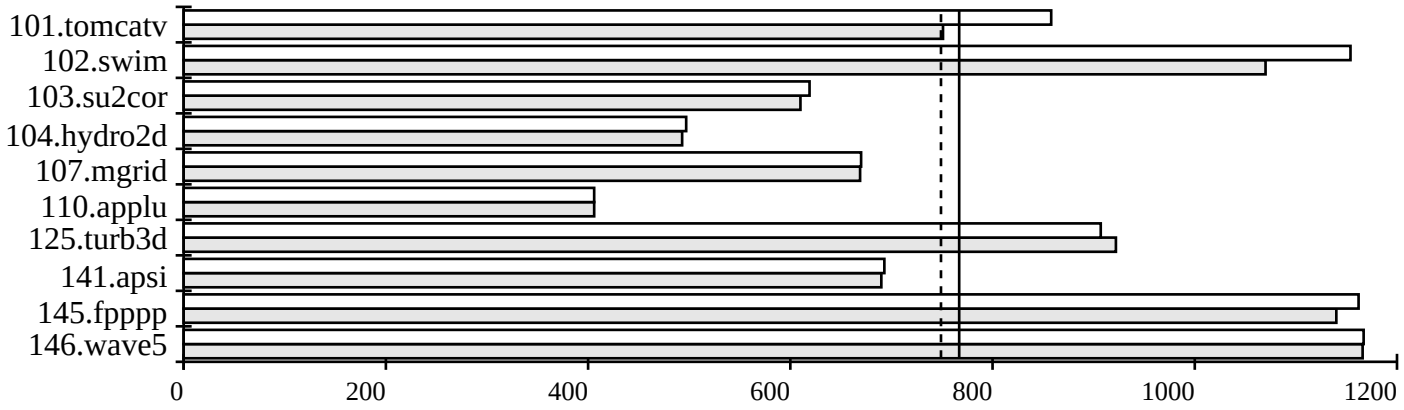
IBM Corporation
RS/6000 44P-270 (2 CPU)

SPECfp_rate95 = 767

SPECfp_rate_base95 = 749

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



Hardware/Software Configuration for:
RS/6000 44P-270 (2 CPU)

Hardware

Model Name:	RS/6000 44P-270 (2 CPU)
CPU:	375 MHz Power3-II
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	32KBI+64KBD on chip
Secondary Cache:	4MB
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2x9.1GB IBM Fast/Wide SCSI 7200 RPM
Other Hardware:	None

Software

Operating System:	AIX 4.3.3
Compiler:	XL Fortran version 7.1.0.0 KAP version 4.0
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	2	88.7	751	2	78	858
102.swim	2	145	1070	2	134	1154
103.su2cor	2	41.3	610	2	41	619
104.hydro2d	2	87.7	493	2	87	497
107.mgrid	2	67.2	669	2	67	670
110.applu	2	97.5	406	2	98	406
125.turb3d	2	80.0	922	2	81	907
141.apsi	2	54.8	690	2	55	693
145.fpppp	2	152	1140	2	149	1162
146.wave5	2	46.3	1166	2	46	1167
SPECfp_rate_base95 (G. Mean)			749			
SPECfp_rate95 (G. Mean)						767

Notes/Tuning Information

```
Base: -O5 -lmass
Peak
101: -O5 -qhot=arraypad=48 -lmass -bnso -bI:/lib/syscalls.exp
102: -O5 -qhot=arraypad=28 -qpdf1/pdf2 -lmass
103: -O5 -lmass
104: -O5 -lmass
107: -O5 -qipa=inline=limit=100 -lmass -bnso -bI:/lib/syscalls.exp
110: -O5 -lmass
125: -O5 -qnosave -lmass
141: -O5 -lmass -bnso -bI:/lib/syscalls.exp
145: -O5 -Pk -Wp,-f -lmass
146: -O5 -lmass -bnso -bI:/lib/syscalls.exp
NOTE: 4 CPUs were installed, but 2 were disabled via the service processor setup menu
```

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