SPEC CFP95rate Results

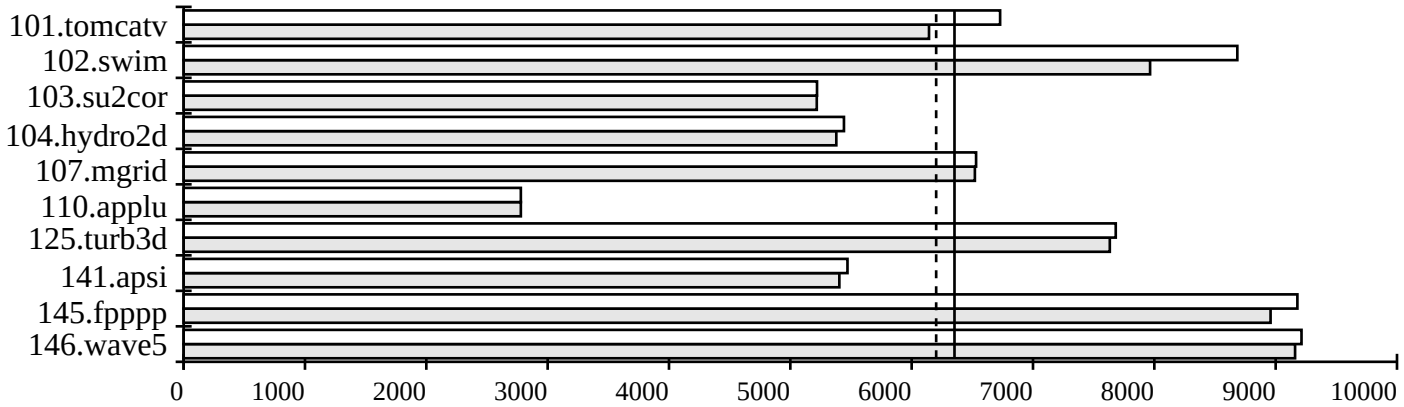
©Copyright 1995, Standard Performance Evaluation Corporation

IBM Corporation
RS/6000 SP-375MHz High Node (16 CPU)

SPECfp_rate95 = 6353

SPECfp_rate_base95 = 6202

SPEC license # 11 | Tested By: IBM, Austin, TX | Test Date: Jun-2000 | Hardware Avail: Aug-2000 | Software Avail: Jul-2000



SPECrate

Hardware/Software Configuration for:
RS/6000 SP-375MHz High Node (16 CPU)

Hardware

Model Name:	RS/6000 SP-375MHz High Node (16 CPU)
CPU:	375MHz POWER3-II
FPU:	Integrated
Number of CPU(s):	16
Primary Cache:	32KBI+64KBD (on chip)
Secondary Cache:	8MB unified (off chip,per CPU)
Other Cache:	None
Memory:	32GB
Disk Subsystem:	2x18GB SCSI, 7200RPM
Other Hardware:	Ethernet

Software

Operating System:	AIX 4.3.3 plus beta of APAR IY11202
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	16	86.7	6143	16	79	6729
102.swim	16	155	7965	16	143	8684
103.su2cor	16	38.6	5218	16	39	5220
104.hydro2d	16	64.2	5379	16	64	5442
107.mgrid	16	55.2	6521	16	55	6531
110.applu	16	114	2779	16	114	2779
125.turb3d	16	77.3	7633	16	77	7682
141.apsi	16	56.0	5404	16	55	5471
145.fpppp	16	154	8958	16	151	9179
146.wave5	16	47.2	9160	16	47	9213
SPECfp_rate_base95 (G. Mean)			6202			
SPECfp_rate95 (G. Mean)						6353

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
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/