SPEC CFP95rate Results

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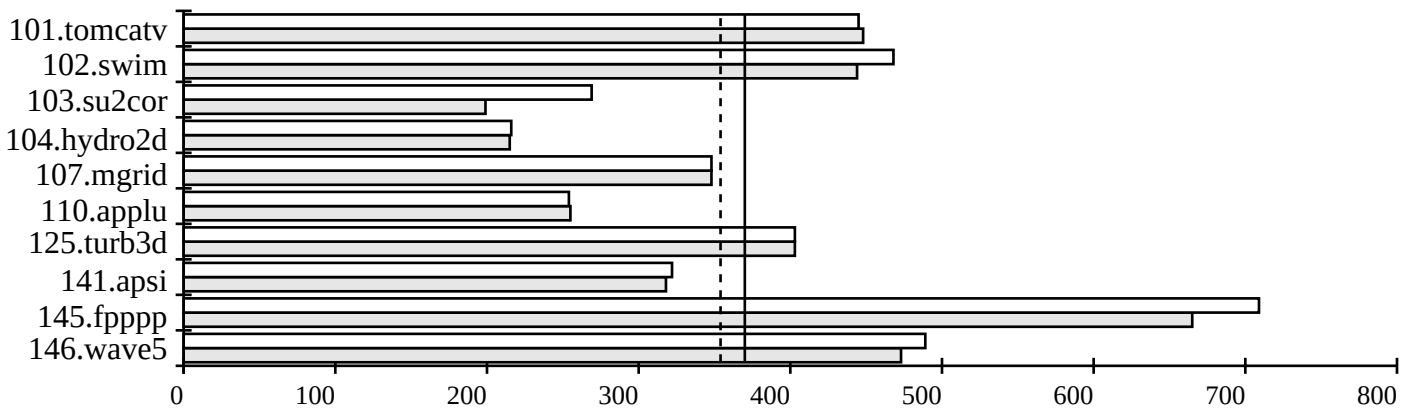
IBM Corporation
RISC System/6000 H70 (2 CPU)

SPECfp_rate95 = 370

SPECfp_rate_base95 = 354

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Mar-99	Hardware Avail: Apr-99	Software Avail: Nov-98



SPECrate

Hardware/Software Configuration for:
RISC System/6000 H70 (2 CPU)

Hardware

Model Name:	RS/6000 H70 (2 CPU)
CPU:	340 MHz PowerPC RS64-II
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	64KBI+64KBD on chip
Secondary Cache:	4MB(I+D) off chip
Other Cache:	None
Memory:	2496 MB
Disk Subsystem:	2x4.5GB
Other Hardware:	None

Software

Operating System:	AIX 4.3.2
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	2	149	448	2	150	445
102.swim	2	349	444	2	331	468
103.su2cor	2	127	199	2	94	269
104.hydro2d	2	201	215	2	200	216
107.mgrid	2	129	348	2	129	348
110.applu	2	155	255	2	156	254
125.turb3d	2	183	403	2	183	403
141.apsi	2	119	318	2	117	322
145.fpppp	2	260	665	2	244	709
146.wave5	2	114	473	2	110	489
SPECfp_rate_base95 (G. Mean)			354			
SPECfp_rate95 (G. Mean)						370

Notes/Tuning Information

```
Base: -O4 -qipa=level=2 -qarch=pwr3 -lmass
Peak:
101: -O4 -qarch=pwr3 -qipa=level=2 -lmass
102: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qhot -qstrict
-qpdf1/pdf2 -lmass
103: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qhot=arraypad=44
-Pv -Wp,-ew,-o -lmass -bnso -bI:/lib/syscalls.exp
104: -O4 -qipa=level=2 -qarch=pwr3 -lmass
107: -O4 -qipa=level=2 -qarch=pwr3 -lmass
110: -O4 -qarch=pwr3 -qipa=level=2:noobject -lmass
125: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qnosave -lmass
141: -O3 -qhot -qtbtable=none -qarch=rs64b -qnosave -Pk -Wp,-r=2,-ag=b,-f
-lmass -bnso -bI:/lib/syscalls.exp
145: -O3 -Q -Pv -Wp,-ea27,-o -1 -qnosave -qmaxmem=-1 -qpdf1/2 -lmass
-bnso -bI:/lib/syscalls.exp
146: -O3 -qarch=pwr3 -Pk -Wp,-ag=a,-f -qxlf77=nopersistent -lmass -bnso
-bI:/lib/syscalls.exp
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@spec.org
http://www.spec.org/

-- Prepared By: --