SPEC CFP95rate Results

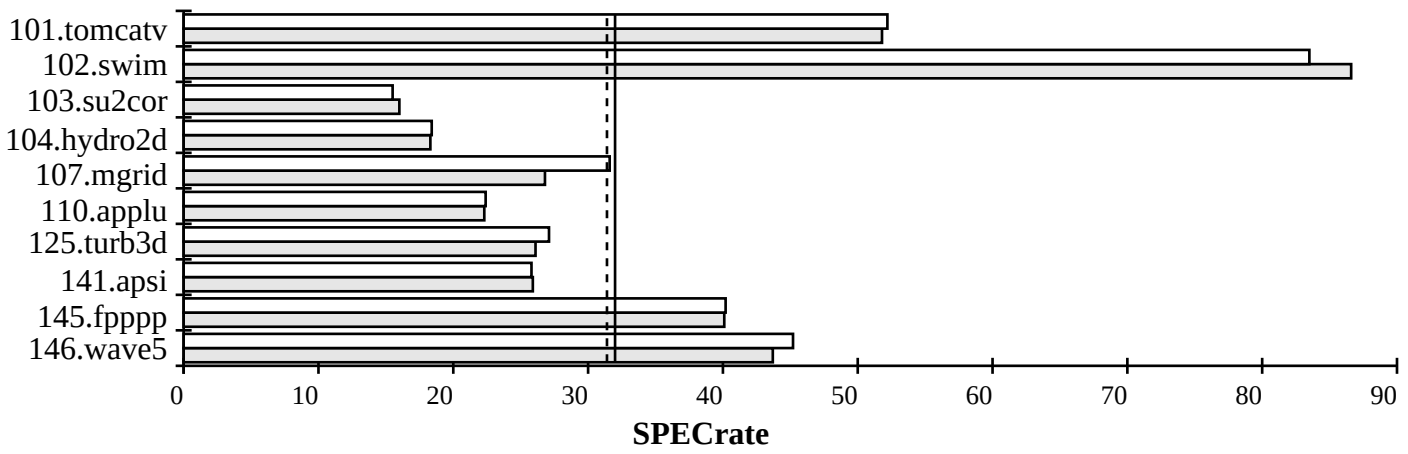
©Copyright 1995, Standard Performance Evaluation Corporation

Hewlett-Packard
HP 9000 Series 700 Model 712/80

SPECfp_rate95 = 32.0

SPECfp_rate_base95 = 31.4

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Aug-96	Hardware Avail: Jan-94	Software Avail: Sep-96



Hardware/Software Configuration for:
HP 9000 Series 700 Model 712/80

Hardware

Model Name:	HP 9000 Series 700 Model 712/80
CPU:	80 MHz PA-RISC 7100LC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	256KB(I+D) off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	64MB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP FORTRAN B3906AA B.10.20.01
File System:	HP-UX
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	643	51.8	1	638	52.2
102.swim	1	893	86.6	1	927	83.5
103.su2cor	1	790	16.0	1	813	15.5
104.hydro2d	1	1180	18.3	1	1175	18.4
107.mgrid	1	838	26.8	1	713	31.6
110.applu	1	890	22.3	1	885	22.4
125.turb3d	1	1412	26.1	1	1362	27.1
141.apsi	1	731	25.9	1	733	25.8
145.fpppp	1	2154	40.1	1	2151	40.2
146.wave5	1	618	43.7	1	597	45.2
SPECfp_rate_base95 (G. Mean)			31.4			
SPECfp_rate95 (G. Mean)						32.0

Notes/Tuning Information

```
Base Flags:
All:  +Oall
Linker Flag:  All: -Wl, -aarchive

Peak Flags:
101: +Oall +Oloop_unroll +Onolimit +Oregionsched +Ovectorize +I/+P
102: +Oall +Ocache_pad_common +Ofltacc +Oinline_budget=256000 +Olibcalls +Oloop_transform +I/+P
+Onofastaccess +Onoinitcheck +Onoloop_unroll +Onosize +Oregionsched +I/+P
103: +Oall +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit +I/+P
104: +Oall +Oloop_unroll +Owhole_program_mode +I/+P
107: +O3 +Oinline_budget=256000 +Oloop_unroll +Onofltacc +Onolimit
110: +Oall +Onofastaccess
125: +O3 +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll
141: +Oall +Onofastaccess
145: +Oall
146: +O3 +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
Linker Flag:  All: -Wl, -aarchive

Note: The +I/+P indicates the use of profile based optimization.
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org

-- Prepared By: --