SPEC CFP95rate Results

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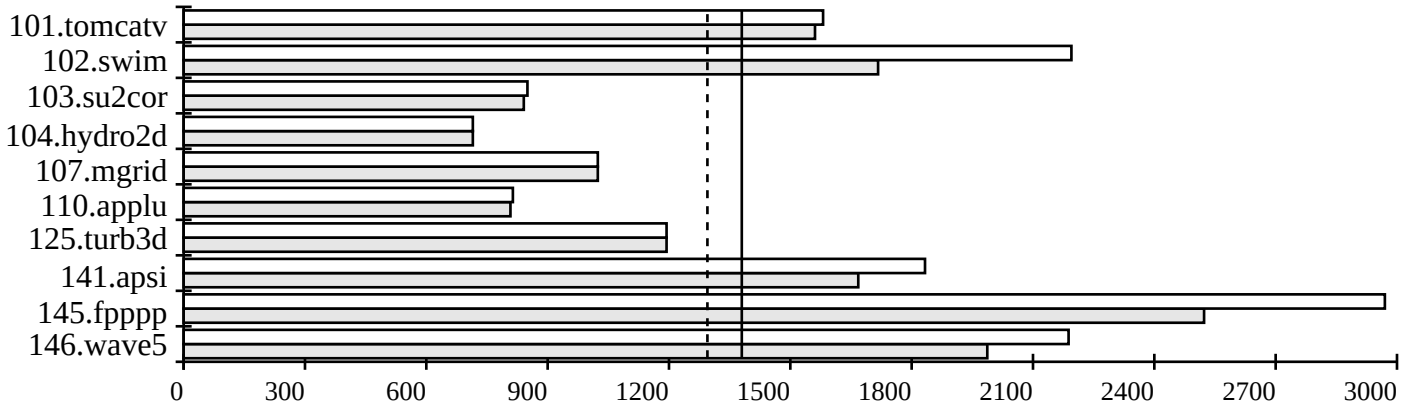
Hewlett-Packard
HP 9000 Model V2200 8-CPU

SPECfp_rate95 = 1380

SPECfp_rate_base95 = 1295

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Jan-98	Hardware Avail: Sep-97	Software Avail: Sep-97



SPECrate

Hardware/Software Configuration for:
HP 9000 Model V2200 8-CPU

Hardware

Model Name:	HP 9000 Model V2200 8-CPU
CPU:	200MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	8
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2 FWD SCSI 2.0GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00
Compiler:	HP-UX f77 971027 B.11.00.01
File System:	HFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	8	171	1561	8	168	1581
102.swim	8	361	1717	8	282	2195
103.su2cor	8	120	841	8	119	850
104.hydro2d	8	242	715	8	242	715
107.mgrid	8	176	1024	8	176	1024
110.applu	8	196	808	8	195	814
125.turb3d	8	247	1194	8	247	1194
141.apsi	8	90.7	1668	8	82	1833
145.fpppp	8	274	2523	8	233	2970
146.wave5	8	109	1987	8	99	2188
SPECfp_rate_base95 (G. Mean)			1295			
SPECfp_rate95 (G. Mean)						1380

Notes/Tuning Information

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

Peak Flags:
101: +O3 +Odataprefetch +Oloop_unroll +Onolimit +Oregionsched +Ovectorize
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll +Onofltacc
103: +O3 +Odataprefetch +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
104: +Oall +Odataprefetch
107: +Oall +Odataprefetch
110: +Oall +Odataprefetch +Oloop_unroll +Onofltacc +Onolimit +Oinline_budget=400
125: +Oall +Odataprefetch
141: +Oall
145: +O4 +Oinline_budget=1000000 +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll +Ovectorize +I +P
146: +O3 +Odataprefetch +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
Linker Flag:  All: -Wl,-aarchive

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

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