SPEC CFP95 Results

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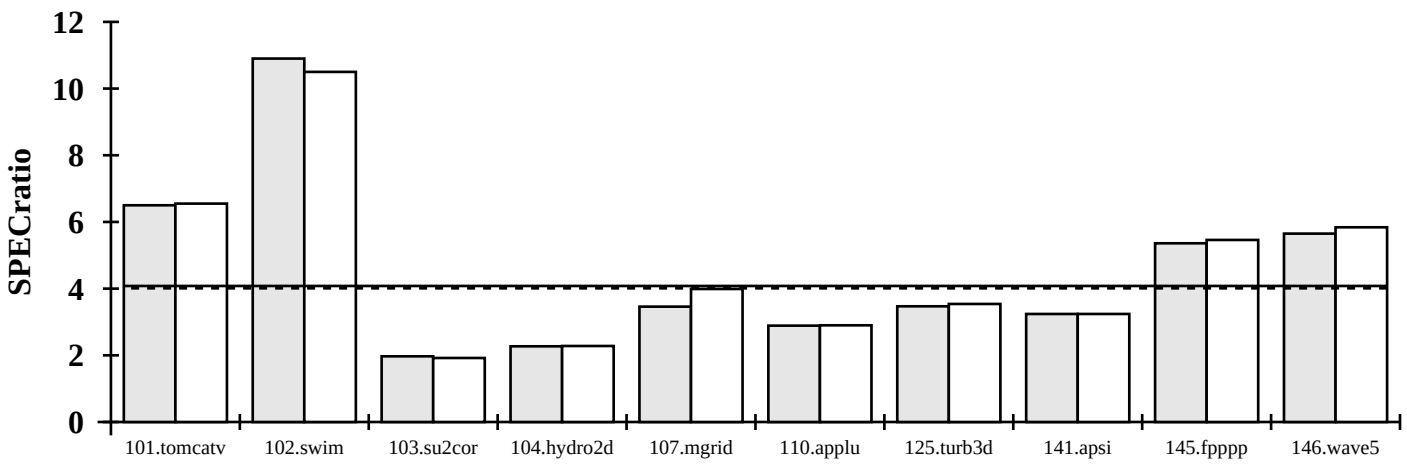
Hewlett-Packard
HP 9000 Model D210

SPECfp95 = 4.08

SPECfp_base95 = 4.01

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Sep-95	Hardware Avail: Mar-95	Software Avail: Jul-96



Hardware/Software Configuration for:
HP 9000 Model D210

Hardware

Model Name:	HP 9000 Model D210
CPU:	100 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:	512MB
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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	569	6.50	565	6.55
102.swim	8600	786	10.9	819	10.5
103.su2cor	1400	711	1.97	730	1.92
104.hydro2d	2400	1059	2.27	1052	2.28
107.mgrid	2500	723	3.46	626	3.99
110.applu	2200	761	2.89	759	2.90
125.turb3d	4100	1181	3.47	1160	3.54
141.apsi	2100	649	3.24	648	3.24
145.fpppp	9600	1790	5.36	1758	5.46
146.wave5	3000	531	5.65	513	5.84
SPECfp_base95 (G. Mean)			4.01		
		SPECfp95 (G. Mean)			4.08

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.
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