SPEC CFP95 Results

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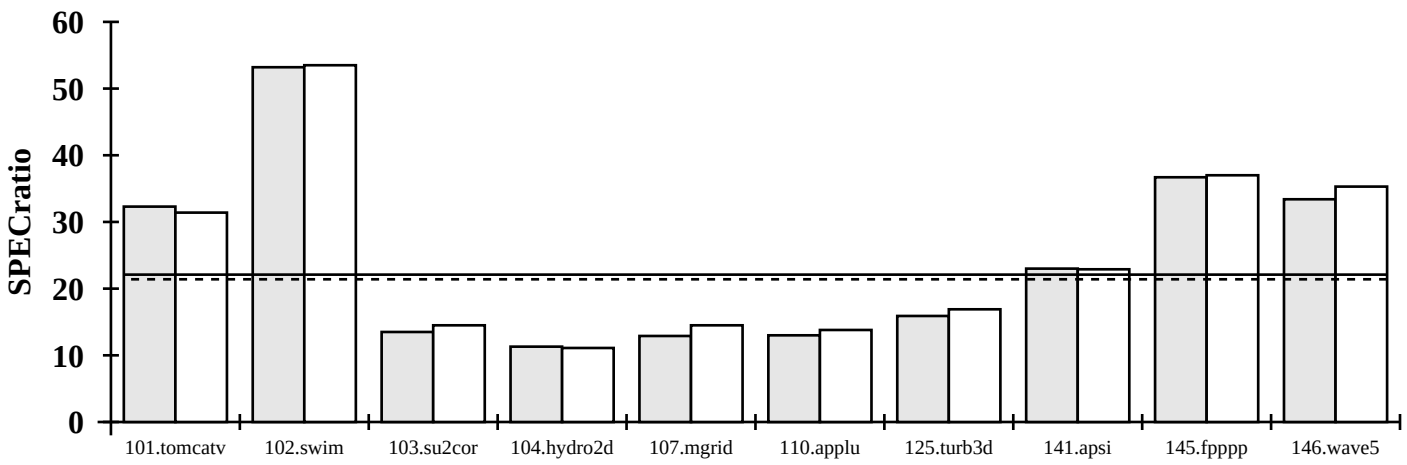
Hewlett-Packard
HP 9000 Model V2200

SPECfp95 = 22.1

SPECfp_base95 = 21.4

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



Hardware/Software Configuration for:
HP 9000 Model V2200

Hardware

Model Name:	HP 9000 Model V2200
CPU:	200 MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	16 (1 used)
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	4GB
Disk Subsystem:	1 Fast/Wide SCSI-2 2.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00
Compiler:	HP-UX f77 B6055AA Exemplar V1.2.1APE
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	115	32.3	118	31.4
102.swim	8600	162	53.2	161	53.5
103.su2cor	1400	103	13.5	97	14.5
104.hydro2d	2400	213	11.3	216	11.1
107.mgrid	2500	193	12.9	172	14.5
110.applu	2200	169	13.0	159	13.8
125.turb3d	4100	257	15.9	242	16.9
141.apsi	2100	91.4	23.0	92	22.9
145.fpppp	9600	262	36.7	259	37.0
146.wave5	3000	89.7	33.4	85	35.3
SPECfp_base95 (G. Mean)			21.4		
		SPECfp95 (G. Mean)			22.1

Notes/Tuning Information

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

Peak Flags:
101: +O3 +Odataprefetch +Oloop_unroll +Onolimit +Oregionsched +Ovectorize
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll +Onolimit
103: +O2 +Odataprefetch +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
104: +Oall +Odataprefetch +Oloop_unroll +Owhole_program_mode
107: +O3 +Odataprefetch +Oinline_budget=1000000 +Oloop_unroll +Onofltacc +Onolimit
110: +O3 +Odataprefetch +Oloop_unroll +Onofltacc +Onolimit
125: +O3 +Ocachepadcommon +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll
141: +Oall +Odataprefetch
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 -Wl,+FPD

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