SPEC CFP95 Results

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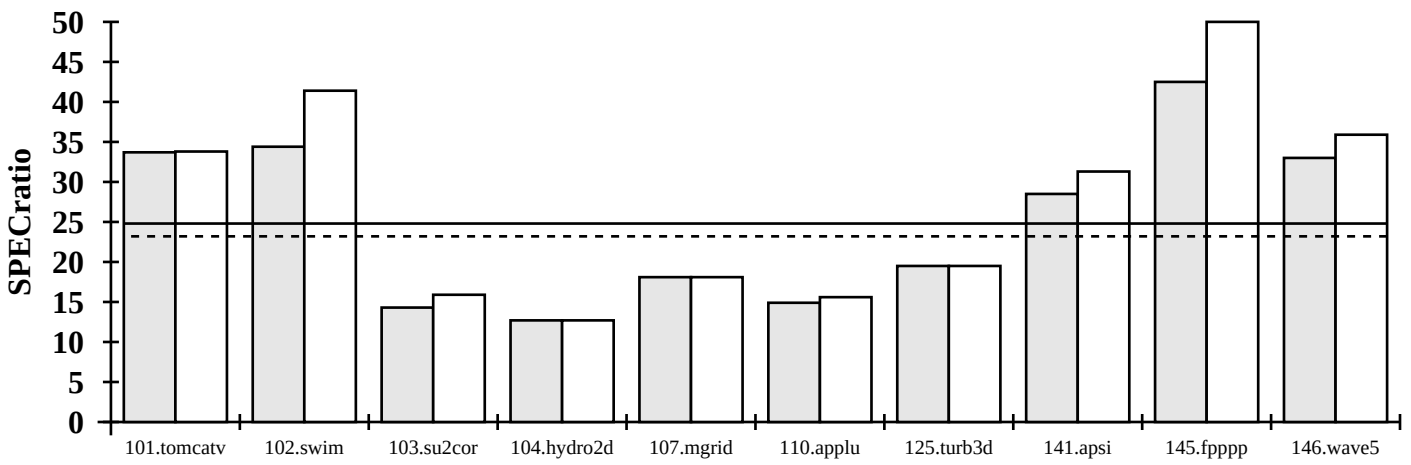
Hewlett-Packard
HP 9000 Model V2250

SPECfp95 = 24.8

SPECfp_base95 = 23.2

SPEC license # 3	Tested By: HP Richardson, TX	Test Date: Feb-98	Hardware Avail: Mar-98	Software Avail: Nov-97



Hardware/Software Configuration for:
HP 9000 Model V2250

Hardware

Model Name:	HP 9000 Model V2250
CPU:	240 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:	16GB
Disk Subsystem:	2 Fast/Wide SCSI-2 9GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00
Compiler:	HP-UX F77 971027 B.11.00.01
File System:	HP-UX HFS
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	110	33.7	109	33.8
102.swim	8600	250	34.4	208	41.4
103.su2cor	1400	97.8	14.3	88	15.9
104.hydro2d	2400	189	12.7	188	12.7
107.mgrid	2500	138	18.1	138	18.1
110.applu	2200	148	14.9	141	15.6
125.turb3d	4100	210	19.5	210	19.5
141.apsi	2100	73.7	28.5	67	31.3
145.fpppp	9600	226	42.5	192	50.0
146.wave5	3000	90.8	33.0	84	35.9
SPECfp_base95 (G. Mean)			23.2		
		SPECfp95 (G. Mean)			24.8

Notes/Tuning Information

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

Peak Flags:
101: +O3 +Oloop_unroll +Onolimit +Ovectorize +Odataprefetch
102: +O4 +Oloop_unroll +Odataprefetch +Ocachepadcommon +Onolimit
103: +O2 +Oloop_unroll +Odataprefetch +Olibcalls +Onolimit +Onofltacc
104: +Oall +Oloop_unroll +Odataprefetch +Owhole_program_mode
107: -lm -Wl,+pi64K +O4 +Onolimit +Oaggressive +Odataprefetch
110: +O3 +Onolimit +Onofltacc +Oloop_unroll +Odataprefetch
125: +Oall +Odataprefetch
141: +Oall +Onovectorize
145: +O4 +Ovectorize +Onoloop_unroll +Oinline_budget=1000000 +Olibcalls
146: +O3 +Oloop_unroll +Odataprefetch +Onolimit +Olibcalls +Onofltacc
  Linker Flags:  All: -Wl,-aarchive
  The +I/+P indicates the use of profile based optimization.
```