SPEC CFP95 Results

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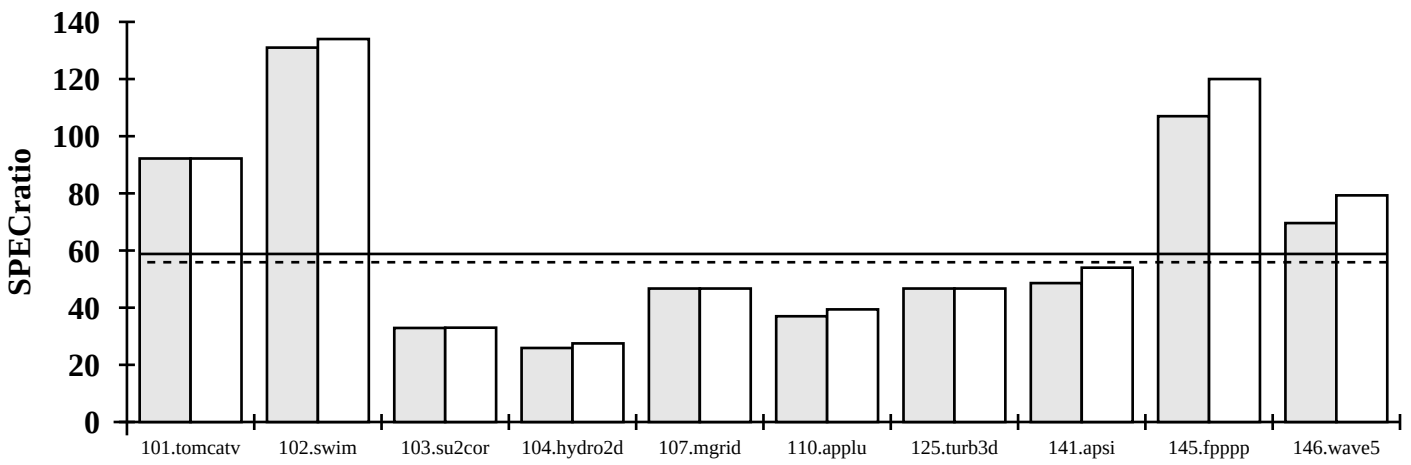
Hewlett-Packard
HP 9000 Model N4000

SPECfp95 = 58.8

SPECfp_base95 = 55.9

SPEC license # 3	Tested By: HP Richardson, TX	Test Date: Jan-2000	Hardware Avail: Apr-2000	Software Avail: Apr-2000



Hardware/Software Configuration for:
HP 9000 Model N4000

Hardware

Model Name:	HP 9000 Model N4000
CPU:	552 MHz PA-RISC 8600
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	512KBI+1MBD
Secondary Cache:	None
Other Cache:	None
Memory:	8GB
Disk Subsystem:	1x9GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00 U 9000/800 74565 unlimited-user
Compiler:	HP-UX f77 971027 (162928) B.11.00.01
Compiler:	HP-UX f90 19981203 (200508) B.11.01.06
File System:	HP-UX VxFS
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	40.1	92.2	40	92.2
102.swim	8600	65.4	131	64	134
103.su2cor	1400	42.5	32.9	42	33.0
104.hydro2d	2400	92.5	25.9	87	27.5
107.mgrid	2500	53.5	46.7	54	46.7
110.applu	2200	59.5	37.0	56	39.4
125.turb3d	4100	87.8	46.7	88	46.7
141.apsi	2100	43.2	48.6	39	54.0
145.fpppp	9600	90.1	107	80	120
146.wave5	3000	43.1	69.6	38	79.3
SPECfp_base95 (G. Mean)			55.9		
		SPECfp95 (G. Mean)			58.8

Notes/Tuning Information

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

Peak Flags:
101: f77  +Oall +Odataprefetch
102: f90  +Oall +Ocachepadcommon +Odataprefetch +Onofltacc +Onoloopblock +Onolooptransform +Onovectorize
103: f77  +O3 +Ocachepadcommon +Odataprefetch +Ofastaccess +Oinline_budget=5 +Onofltacc +Onolimit
104: f77  +O3 +Ocachepadcommon +Odataprefetch +Onofltacc +Onolimit
107: f77  +Oall +Odataprefetch
110: f77  +O3 +Ocachepadcommon +Odataprefetch +Onofltacc +Onoinline +I/+P
125: f77  +Oall +Odataprefetch
141: f77  +O3 +Ocachepadcommon +Odataprefetch +Onofltacc +Onolimit
145: f77  +Oall +Oinline_budget=600
146: f90  +Oall +Odataprefetch
Linker Flag:  All: -Wl,-aarchive
```