SPEC CFP95 Results

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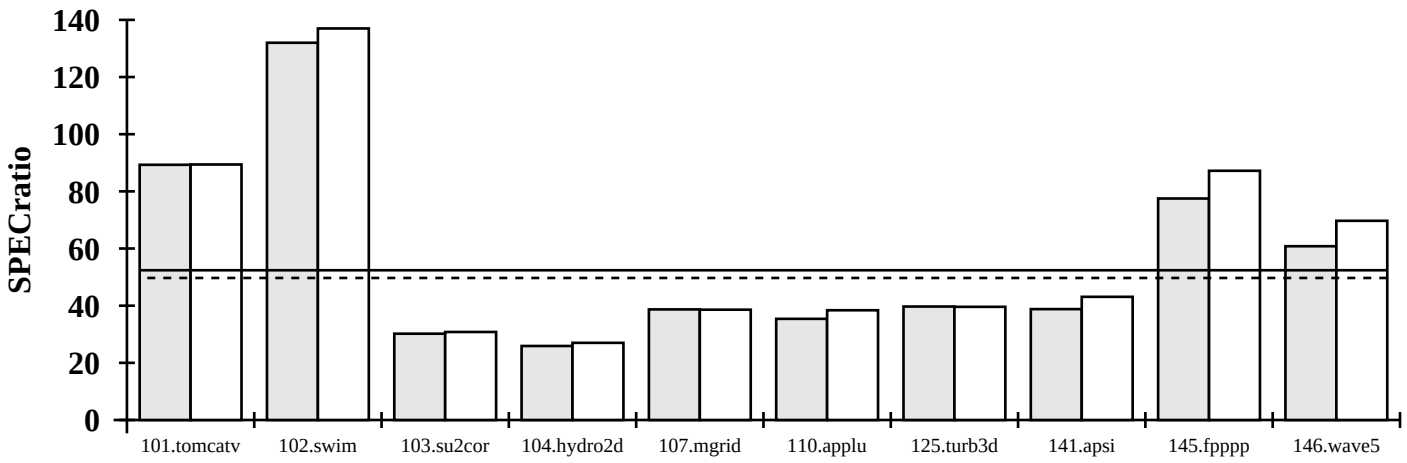
Hewlett-Packard
HP 9000 Model B2000

SPECfp95 = 52.4

SPECfp_base95 = 49.7

SPEC license # 3 | Tested By: HP TCD | Test Date: Dec-1999 | Hardware Avail: Jan-2000 | Software Avail: Jan-2000



Hardware/Software Configuration for:
HP 9000 Model B2000

Hardware

Model Name:	HP 9000 Model B2000
CPU:	440 Mhz PA-RISC 8500
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	512KBI+1MBD on-chip
Secondary Cache:	None
Other Cache:	None
Memory:	1GB
Disk Subsystem:	1-18GB LVD SCSI Disk
Other Hardware:	None
Operating System:	HP-UX B.11.00
Compiler:	HP-UX f77 971027 (162928) B.11.00.01
Compiler:	HP-UX f90 19981203 (200508) B.11.01.06
File System:	HP-UX LVM with HFS
System State:	Multi-user

Software

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	41.4	89.3	41	89.4
102.swim	8600	65.2	132	63	137
103.su2cor	1400	46.4	30.2	45	30.8
104.hydro2d	2400	92.5	25.9	89	27.0
107.mgrid	2500	64.7	38.7	65	38.6
110.applu	2200	62.1	35.4	57	38.4
125.turb3d	4100	103	39.7	104	39.6
141.apsi	2100	54.1	38.8	49	43.1
145.fpppp	9600	124	77.5	110	87.2
146.wave5	3000	49.4	60.8	43	69.7
SPECfp_base95 (G. Mean)			49.7		
		SPECfp95 (G. Mean)			52.4

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
```