SPEC CFP95 Results

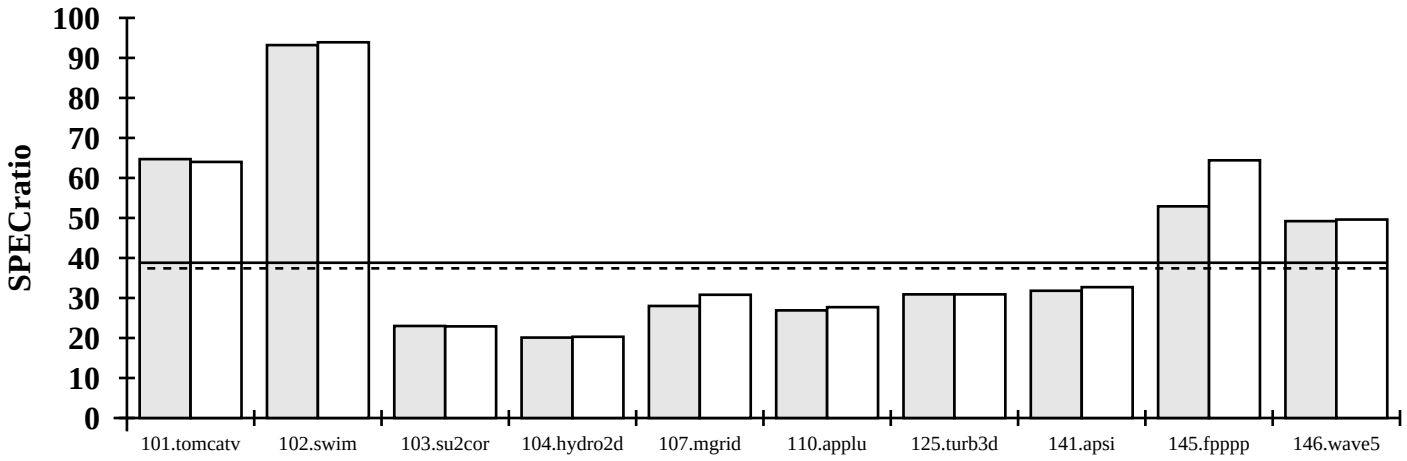
©Copyright 1995, Standard Performance Evaluation Corporation

Hewlett-Packard
HP 9000 Model B1000

SPECfp95 = 38.8

SPECfp_base95 = 37.4

SPEC license # 3	Tested By: HP Fort Collins, CO	Test Date: Feb-99	Hardware Avail: May-99	Software Avail: May-99



Hardware/Software Configuration for:
HP 9000 Model B1000

Hardware

Model Name:	HP 9000 Model B1000
CPU:	300 MHz PA-RISC 8500
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	512KBI+1MBD on-chip
Secondary Cache:	None
Other Cache:	None
Memory:	256MB
Disk Subsystem:	1-9GB LVD SCSI Disk
Other Hardware:	None
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP FORTRAN B.10.20.07 B3907CA
File System:	HP-UX LVM with HFS
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	57.2	64.7	58	64.0
102.swim	8600	92.3	93.2	92	93.9
103.su2cor	1400	60.9	23.0	61	22.9
104.hydro2d	2400	119	20.1	119	20.3
107.mgrid	2500	89.2	28.0	81	30.8
110.applu	2200	81.8	26.9	79	27.7
125.turb3d	4100	133	30.9	133	30.9
141.apsi	2100	66.0	31.8	64	32.7
145.fpppp	9600	181	52.9	149	64.4
146.wave5	3000	60.9	49.2	61	49.6
SPECfp_base95 (G. Mean)			37.4		
		SPECfp95 (G. Mean)			38.8

Notes/Tuning Information

```
Base Flags:
all: +Oall +Odataprefetch -Wl,-a,archive

Peak Flags:
Linker: 145: -Wl,-a,archive; all others: -Wl,-a,archive,+FPD
101: +O3 +Onolimit +Odataprefetch +Oaggressive
102: +Oall +Odataprefetch +Onovectorize +Onofltacc +Onolooptransform +Onoloopblock +Ocache_pad_common
103: +Oall +Odataprefetch
104: +Oall +Onovectorize +Onofltacc +Odataprefetch
107: +O3 +Onolimit +Onofltacc +Oinline_budget=1000000 +Oloop_unroll=8 +Odataprefetch
110: +Oall +Onovectorize +Onofltacc +Odataprefetch
125: +Oall +Odataprefetch +Oagressive
141: +O3 +Onolimit +Oaggressive +Onofltacc
145: +O4 +Olibcalls +Onofltacc +Onolimit +Ovectorize +Oinline_budget=1000000 +I/+P
146: +Oall +Odataprefetch

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

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@spec.org
http://www.spec.org/

-- Prepared By: --