SPEC CFP95rate Results

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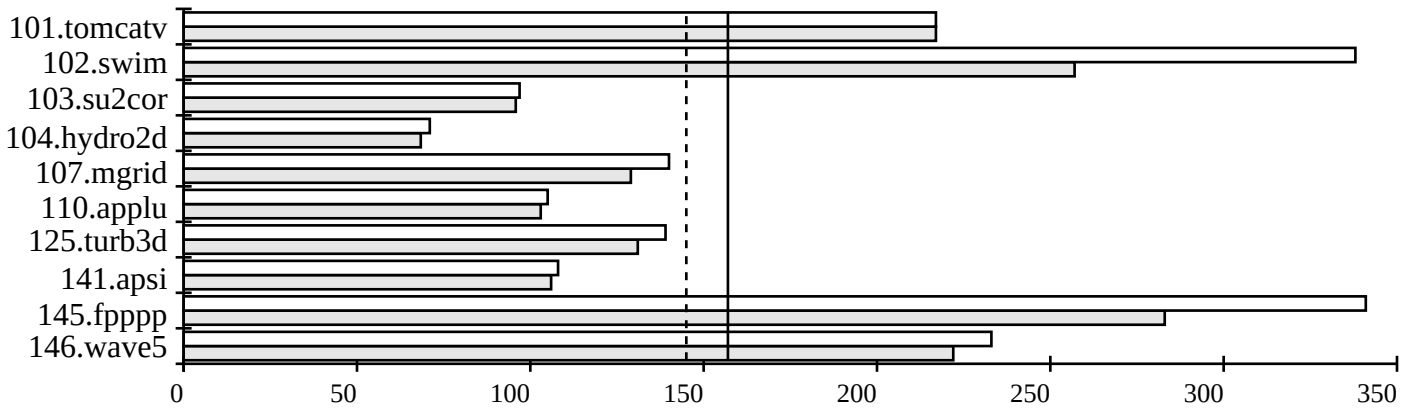
Hewlett-Packard
HP 9000 Model D380 1-CPU

SPECfp_rate95 = 157

SPECfp_rate_base95 = 145

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Jun-97	Hardware Avail: Sep-97	Software Avail: Jul-96



Hardware/Software Configuration for:
HP 9000 Model D380 1-CPU

Hardware

Model Name:	HP 9000 Model D380 1-CPU
CPU:	180MHz PA-RISC 8000
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	1MBI+1MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	768MB
Disk Subsystem:	1 FWD SCSI 2.0GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP-UX f77 970521 B.10.20.09
File System:	HP-UX
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	154	217	1	154	217
102.swim	1	301	257	1	229	338
103.su2cor	1	132	95.8	1	130	96.9
104.hydro2d	1	316	68.4	1	304	71.0
107.mgrid	1	175	129	1	161	140
110.applu	1	192	103	1	189	105
125.turb3d	1	281	131	1	265	139
141.apsi	1	179	106	1	175	108
145.fpppp	1	305	283	1	254	341
146.wave5	1	121	222	1	116	233
SPECfp_rate_base95 (G. Mean)			145			
			SPECfp_rate95 (G. Mean)			157

Notes/Tuning Information

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

Peak Flags:
101: +Oall +Odataprefetch
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll +Onofltacc
103: +O3 +Odataprefetch +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
104: +Oall +Odataprefetch +Oloop_unroll +Owhole_program_mode +Ocachepadcommon
107: +O4 +Odataprefetch +Oinline_budget=1000000 +Oloop_unroll +Onofltacc +Onolimit
110: +Oall +Odataprefetch +Oloop_unroll +Onofltacc +Onolimit +Oinline_budget=400
125: +O3 +Ocachepadcommon +Olibcalls +Onofltacc +Onolimit
141: +Oall
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

The +I/+P indicates the use of profile based optimization.
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-- Prepared By: --