SPEC CFP95rate Results

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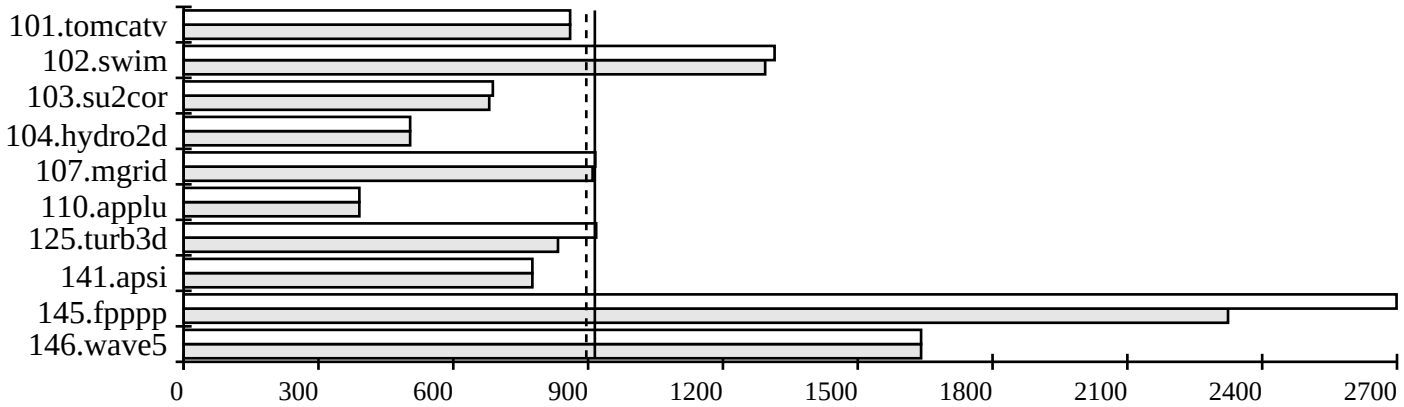
Hewlett-Packard
HP 9000 Model T600 8-CPU

SPECfp_rate95 = 915

SPECfp_rate_base95 = 896

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: May-97	Hardware Avail: Jun-97	Software Avail: Aug-97



Hardware/Software Configuration for:
HP 9000 Model T600 8-CPU

Hardware

Model Name:	HP 9000 Model T600 8-CPU
CPU:	180MHz PA-RISC 8000
FPU:	Integrated
Number of CPU(s):	8
Primary Cache:	1MBI+1MBD off-chip
Secondary Cache:	8MB(I+D) off-chip
Other Cache:	None
Memory:	2GB
Disk Subsystem:	1 FWD SCSI-2 1.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.30
Compiler:	f77 B3906AA B.10.30.01
File System:	HP-UX HFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	8	310	860	8	310	860
102.swim	8	479	1294	8	471	1315
103.su2cor	8	148	680	8	147	688
104.hydro2d	8	343	504	8	343	504
107.mgrid	8	198	910	8	196	916
110.applu	8	405	391	8	405	391
125.turb3d	8	354	833	8	321	918
141.apsi	8	195	776	8	195	776
145.fpppp	8	297	2324	8	256	2699
146.wave5	8	132	1641	8	132	1641
SPECfp_rate_base95 (G. Mean)			896			
SPECfp_rate95 (G. Mean)						915

Notes/Tuning Information

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

Peak Flags:
101: +Oall +Odataprefetch
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll
103: +O2 +Odataprefetch +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
104: +Oall +Odataprefetch
107: +O3 +Odataprefetch +Oinline_budget=1000000 +Oloop_unroll +Onofltacc +Onolimit
110: +Oall +Odataprefetch
125: +O3 +Ocachepadcommon +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll
141: +Oall +Odataprefetch
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: --