SPEC CFP95rate Results

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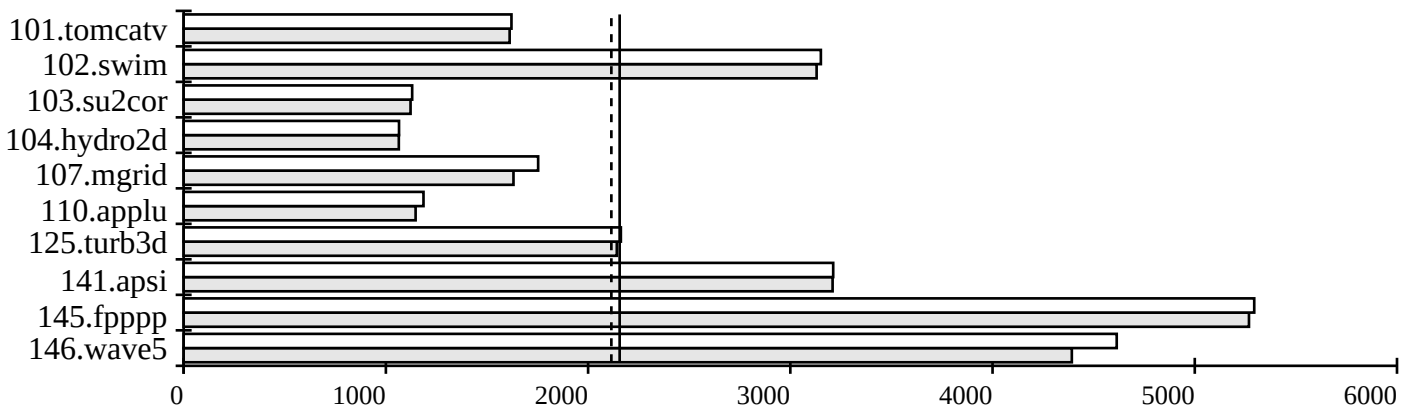
Hewlett-Packard
HP 9000 Model V2200

SPECfp_rate95	=	2156
SPECfp_rate_base95	=	2115

SPEC license # 3	Tested By: HP Convex, Tx	Test Date: Aug-97	Hardware Avail: Jan-98	Software Avail: Jan-98



Hardware/Software Configuration for:
HP 9000 Model V2200

Hardware

Model Name:	HP 9000 Model V2200
CPU:	200 MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	16
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	4GB
Disk Subsystem:	SCSI 9.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX 11.0
Compiler:	HP-UX f77 B6055AA Exemplar V1.2.1APE
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	16	330	1612	16	329	1621
102.swim	16	396	3130	16	393	3151
103.su2cor	16	180	1122	16	178	1130
104.hydro2d	16	325	1064	16	325	1065
107.mgrid	16	221	1631	16	205	1753
110.applu	16	276	1147	16	267	1186
125.turb3d	16	276	2142	16	273	2162
141.apsi	16	94.2	3209	16	94	3212
145.fpppp	16	262	5268	16	261	5294
146.wave5	16	98.4	4392	16	94	4614
SPECfp_rate_base95 (G. Mean)			2115			
SPECfp_rate95 (G. Mean)						2156

Notes/Tuning Information

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

Peak Flags:
101: +O3 +Odataprefetch +Oloop_unroll +Onolimit +Oregionsched +Ovectorize
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll +Onolimit
103: +O2 +Odataprefetch +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
104: +Oall +Odataprefetch +Oloop_unroll +Owhole_program_mode
107: +O3 +Odataprefetch +Oinline_budget=1000000 +Oloop_unroll +Onofltacc +Onolimit
110: +O3 +Odataprefetch +Oloop_unroll +Onofltacc +Onolimit
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 -Wl,+FPD

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