SPEC CFP95rate Results

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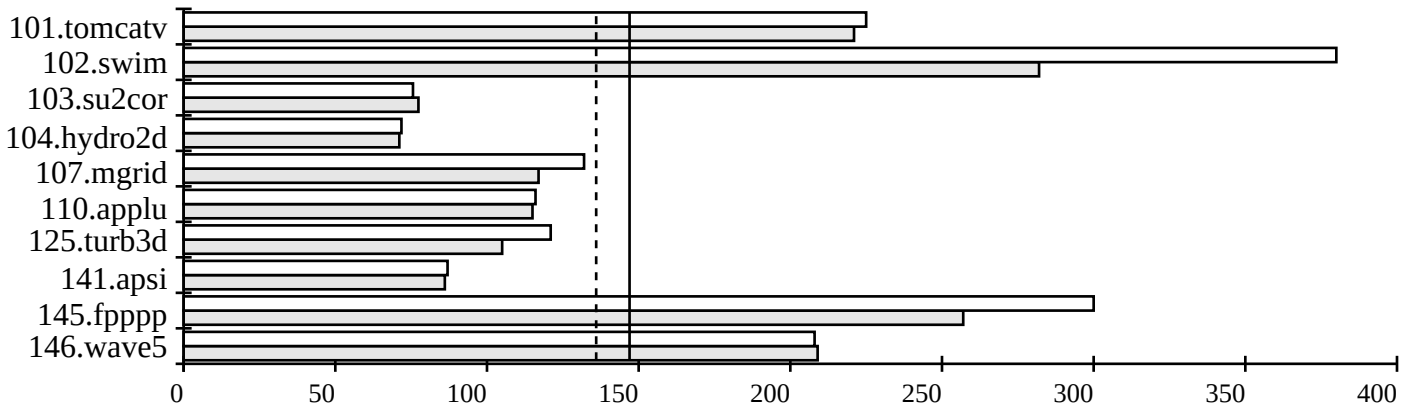
Hewlett-Packard
HP 9000 Model C160

SPECfp_rate95 = 147

SPECfp_rate_base95 = 136

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



Hardware/Software Configuration for:
HP 9000 Model C160

Hardware

Model Name:	HP 9000 Model C160
CPU:	160 MHz PA-RISC 8000
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	512KBI+512KBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20 IC11A
Compiler:	f77 B3906AA B.10.00.01.B5
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	151	221	1	148	225
102.swim	1	274	282	1	204	380
103.su2cor	1	163	77.4	1	167	75.6
104.hydro2d	1	304	71.1	1	301	71.8
107.mgrid	1	192	117	1	171	132
110.applu	1	172	115	1	171	116
125.turb3d	1	353	105	1	305	121
141.apsi	1	220	86.1	1	217	87.0
145.fpppp	1	336	257	1	288	300
146.wave5	1	129	209	1	130	208
SPECfp_rate_base95 (G. Mean)			136			
SPECfp_rate95 (G. Mean)						147

Notes/Tuning Information

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

Peak Flags:
101: +O3 +Odataprefetch +Oloop_unroll +Onolimit +Oregionsched +Ovectorize
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll
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
125: +O3 +Ocachepadcommon +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll
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: --