SPEC CFP95rate Results

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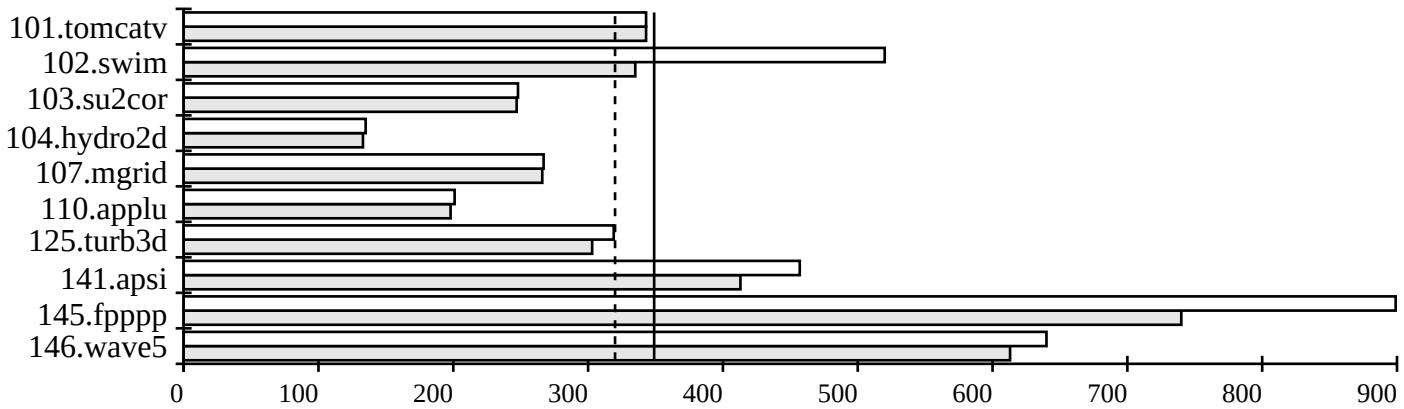
Hewlett-Packard
HP 9000 Model J2240

SPECfp_rate95 = 349

SPECfp_rate_base95 = 320

SPEC license # 3	Tested By: HP Fort Collins, CO	Test Date: Dec-97	Hardware Avail: Mar-98	Software Avail: Mar-98



Hardware/Software Configuration for:
HP 9000 Model J2240

Hardware

Model Name:	HP 9000 Model J2240
CPU:	236 MHz PA-8200
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	2GB
Disk Subsystem:	1 Ultra SCSI 4.0GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	f77 B3906AA B.10.20.01
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	2	194	343	2	194	343
102.swim	2	463	335	2	298	520
103.su2cor	2	102	247	2	102	248
104.hydro2d	2	324	133	2	321	135
107.mgrid	2	169	266	2	169	267
110.applu	2	200	198	2	197	201
125.turb3d	2	243	303	2	231	319
141.apsi	2	91.5	413	2	83	457
145.fpppp	2	234	740	2	192	899
146.wave5	2	88.1	613	2	84	640
SPECfp_rate_base95 (G. Mean)			320			
SPECfp_rate95 (G. Mean)						349

Notes/Tuning Information

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

Peak Flags:
101, 103: peak= base
102: +O4 +Ocachepadcommon +Odataprefetch +Oloop_unroll
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: --