SPEC CFP95rate Results

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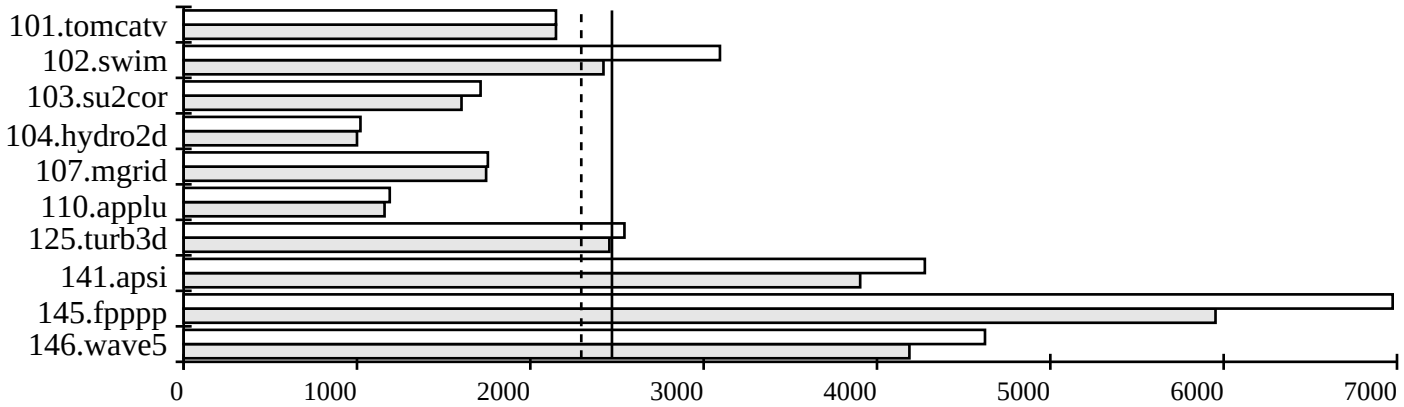
Hewlett-Packard
HP 9000 Model V2250

SPECfp_rate95 = 2471

SPECfp_rate_base95 = 2294

SPEC license # 3	Tested By: HP Richardson, TX	Test Date: Feb-98	Hardware Avail: Mar-98	Software Avail: Nov-97



Hardware/Software Configuration for:
HP 9000 Model V2250

Hardware

Model Name:	HP 9000 Model V2250
CPU:	240 MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	16
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	16GB
Disk Subsystem:	2 Fast/Wide SCSI-2 9GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00
Compiler:	HP-UX F77 971027 B.11.00.01
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	16	248	2148	16	248	2148
102.swim	16	511	2422	16	400	3094
103.su2cor	16	126	1603	16	118	1713
104.hydro2d	16	346	1000	16	339	1020
107.mgrid	16	206	1745	16	205	1755
110.applu	16	273	1159	16	266	1189
125.turb3d	16	240	2456	16	232	2543
141.apsi	16	77.5	3903	16	71	4276
145.fpppp	16	232	5953	16	198	6975
146.wave5	16	103	4187	16	93	4623
SPECfp_rate_base95 (G. Mean)			2294			
SPECfp_rate95 (G. Mean)						2471

Notes/Tuning Information

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

Peak Flags:
101: +O3 +Oloop_unroll +Onolimit +Ovectorize +Odataprefetch
102: +O4 +Oloop_unroll +Odataprefetch +Ocachepadcommon +Onolimit
103: +O2 +Oloop_unroll +Odataprefetch +Olibcalls +Onolimit +Onofltacc
104: +Oall +Oloop_unroll +Odataprefetch +Owhole_program_mode
107: -lm -Wl,+pi64K +O4 +Onolimit +Oaggressive +Odataprefetch
110: +O3 +Onolimit +Onofltacc +Oloop_unroll +Odataprefetch
125: +O4 +Onolimit +Oaggressive +Odataprefetch
141: +Oall +Onovectorize
145: +O4 +Ovectorize +Onoloop_unroll +Oinline_budget=1000000 +Olibcalls
146: +O3 +Oloop_unroll +Odataprefetch +Onolimit +Olibcalls +Onofltacc
Linker Flags:  All: -Wl,-aarchive
The +I/+P indicates the use of profile based optimization.
```

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