SPEC CFP95rate Results

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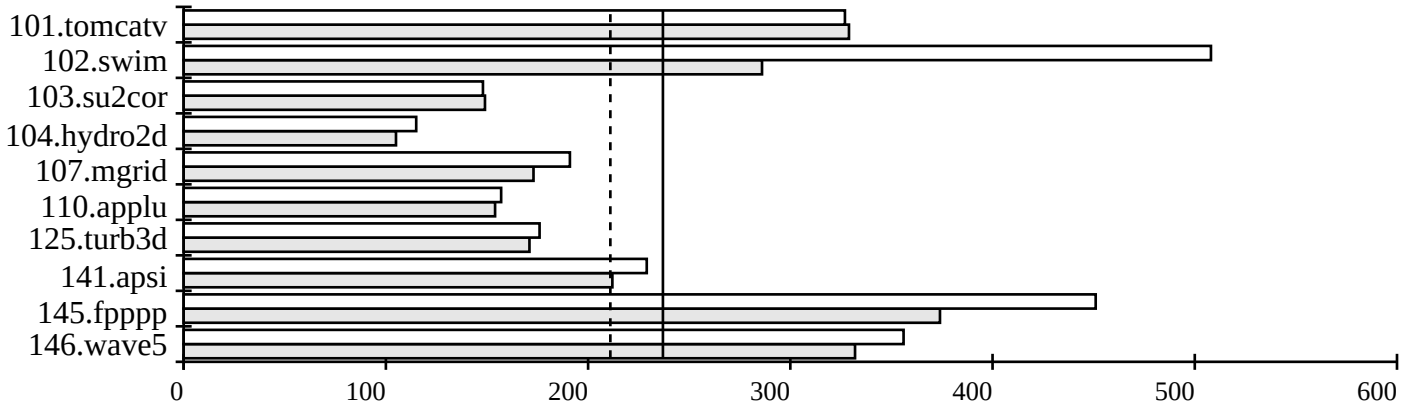
Hewlett-Packard
HP 9000 Model J2240

SPECfp_rate95 = 237

SPECfp_rate_base95 = 211

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):	1
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	1	101	329	1	102	327
102.swim	1	271	286	1	152	508
103.su2cor	1	84.6	149	1	85	148
104.hydro2d	1	206	105	1	188	115
107.mgrid	1	130	173	1	118	191
110.applu	1	129	154	1	126	157
125.turb3d	1	215	171	1	210	176
141.apsi	1	89.2	212	1	82	229
145.fpppp	1	231	374	1	192	451
146.wave5	1	81.4	332	1	76	356
SPECfp_rate_base95 (G. Mean)			211			
SPECfp_rate95 (G. Mean)						237

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 +Oparallel_env
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 +Oparallel_env
Linker Flag:  All: -Wl,-aarchive

The +I/+P indicates the use of profile based optimization.
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@specbench.org
http://www.specbench.org/

-- Prepared By: --