# SPEC CFP95 Results

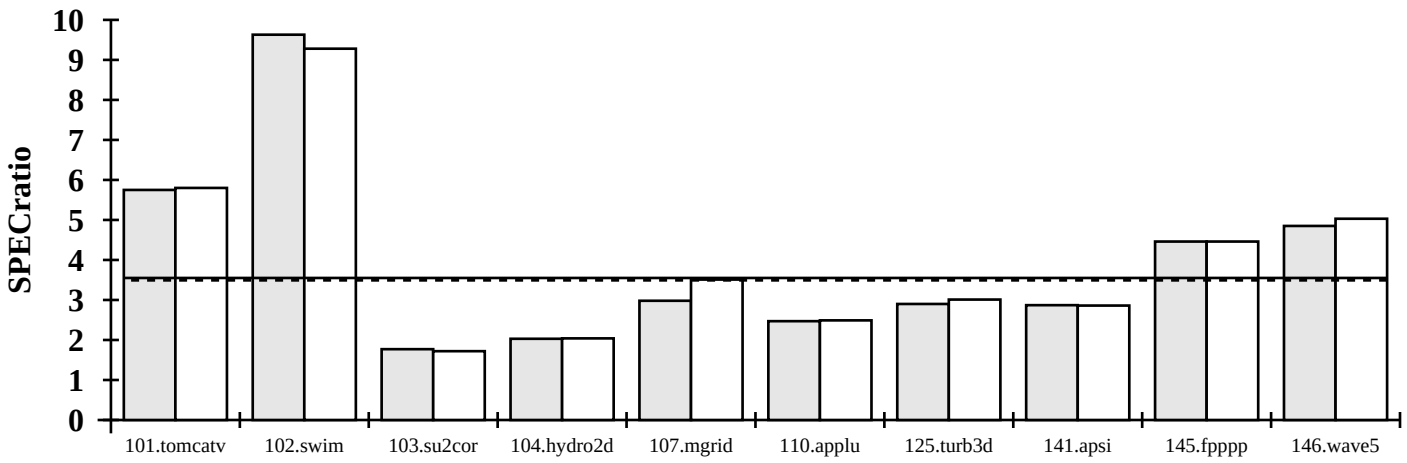
©Copyright 1995, Standard Performance Evaluation Corporation

## Hewlett-Packard
## HP 9000 Series 700 Model 712/80

SPECfp95 = 3.55

SPECfp_base95 = 3.49

| SPEC license # 3 | Tested By: HP Cupertino, CA | Test Date: Aug-96 | Hardware Avail: Jan-94 | Software Avail: Sep-96 |
|---|---|---|---|---|




Hardware/Software Configuration for:
HP 9000 Series 700 Model 712/80

**Hardware**

| | |
|---|---|
| Model Name: | HP 9000 Series 700 Model 712/80 |
| CPU: | 80 MHz PA-RISC 7100LC |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 256KB(I+D) off-chip |
| Secondary Cache: | None |
| Other Cache: | None |
| Memory: | 64MB |
| Disk Subsystem: | 1 Fast/Wide SCSI-2 1.0 GB |
| Other Hardware: | None |

**Software**

| | |
|---|---|
| Operating System: | HP-UX B.10.20 |
| Compiler: | HP FORTRAN B3906AA B.10.20.01 |
| File System: | HP-UX |
| System State: | Multi-user |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 101.tomcatv | 3700 | 643 | 5.75 | 638 | 5.80 |
| 102.swim | 8600 | 893 | 9.63 | 927 | 9.28 |
| 103.su2cor | 1400 | 790 | 1.77 | 813 | 1.72 |
| 104.hydro2d | 2400 | 1180 | 2.03 | 1175 | 2.04 |
| 107.mgrid | 2500 | 838 | 2.98 | 713 | 3.51 |
| 110.applu | 2200 | 890 | 2.47 | 885 | 2.49 |
| 125.turb3d | 4100 | 1412 | 2.90 | 1362 | 3.01 |
| 141.apsi | 2100 | 731 | 2.87 | 733 | 2.86 |
| 145.fpppp | 9600 | 2154 | 4.46 | 2151 | 4.46 |
| 146.wave5 | 3000 | 618 | 4.85 | 597 | 5.03 |
| SPECfp_base95 (G. Mean) | | | 3.49 | | |
| | | SPECfp95 (G. Mean) | | | 3.55 |

## Notes/Tuning Information

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

Peak Flags:
101: +Oall +Oloop_unroll +Onolimit +Oregionsched +Ovectorize +I/+P
102: +Oall +Ocache_pad_common +Ofltacc +Oinline_budget=256000 +Olibcalls +Oloop_transform +I/+P
+Onofastaccess +Onoinitcheck +Onoloop_unroll +Onosize +Oregionsched +I/+P
103: +Oall +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit +I/+P
104: +Oall +Oloop_unroll +Owhole_program_mode +I/+P
107: +O3 +Oinline_budget=256000 +Oloop_unroll +Onofltacc +Onolimit
110: +Oall +Onofastaccess
125: +O3 +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll
141: +Oall +Onofastaccess
145: +Oall
146: +O3 +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
Linker Flag:  All: -Wl, -aarchive

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

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org