# SPEC CFP95rate Results

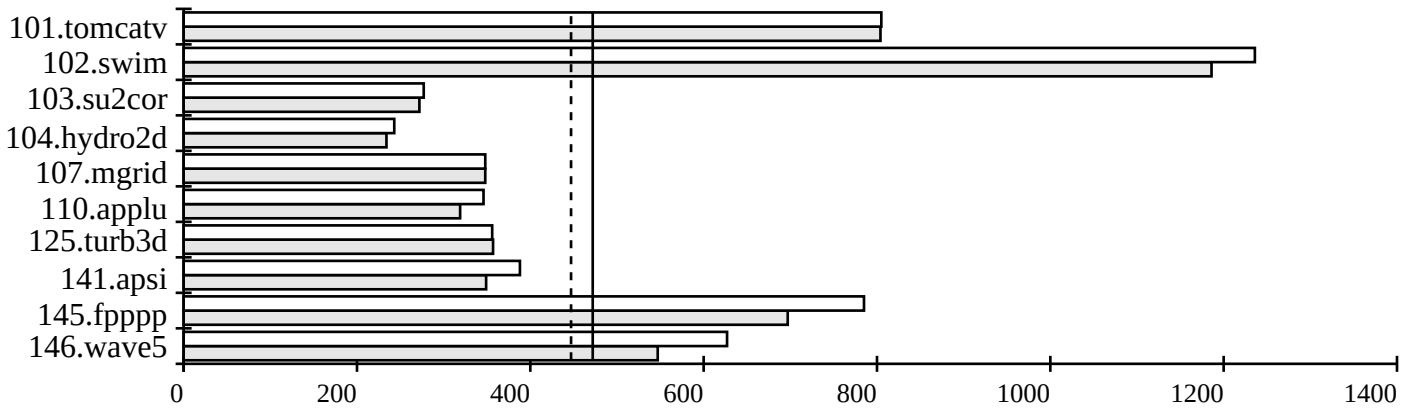
©Copyright 1995, Standard Performance Evaluation Corporation

## Hewlett-Packard
## HP 9000 Model B2000

SPECfp_rate95 = 472

SPECfp_rate_base95 = 447

| SPEC license # 3 | Tested By: HP TCD | Test Date: Dec-1999 | Hardware Avail: Jan-2000 | Software Avail: Jan-2000 |
|---|---|---|---|---|




Hardware/Software Configuration for:
HP 9000 Model B2000

**Hardware**

| | |
|---|---|
| Model Name: | HP 9000 Model B2000 |
| CPU: | 440 Mhz PA-RISC 8500 |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 512KBI+1MBD on-chip |
| Secondary Cache: | None |
| Other Cache: | None |
| Memory: | 1GB |
| Disk Subsystem: | 1-18GB LVD SCSI Disk |
| Other Hardware: | None |
| Operating System: | HP-UX B.11.00 |
| Compiler: | HP-UX f77 971027 (162928) B.11.00.01 |
| Compiler: | HP-UX f90 19981203 (200508) B.11.01.06 |
| File System: | HP-UX LVM with HFS |
| System State: | Multi-user |

**Software**

| Benchmark # and Name | Base Copies | Base Run Time | Base SPEC Ratio | Copies | Run Time | SPEC Ratio |
|---|---|---|---|---|---|---|
| 101.tomcatv | 1 | 41.4 | 804 | 1 | 41 | 805 |
| 102.swim | 1 | 65.2 | 1186 | 1 | 63 | 1236 |
| 103.su2cor | 1 | 46.4 | 272 | 1 | 45 | 277 |
| 104.hydro2d | 1 | 92.5 | 234 | 1 | 89 | 243 |
| 107.mgrid | 1 | 64.7 | 348 | 1 | 65 | 348 |
| 110.applu | 1 | 62.1 | 319 | 1 | 57 | 346 |
| 125.turb3d | 1 | 103 | 357 | 1 | 104 | 356 |
| 141.apsi | 1 | 54.1 | 349 | 1 | 49 | 388 |
| 145.fpppp | 1 | 124 | 697 | 1 | 110 | 785 |
| 146.wave5 | 1 | 49.4 | 547 | 1 | 43 | 627 |
| SPECfp_rate_base95 (G. Mean) | | | 447 | | | |
| SPECfp_rate95 (G. Mean) | | | | | | 472 |

## Notes/Tuning Information

```
Base Flags:

All: +Oall +Odataprefetch
Linker Flag:  All: -Wl,-aarchive

Peak Flags:
101: f77  +Oall +Odataprefetch
102: f90  +Oall +Ocachepadcommon +Odataprefetch +Onofltacc +Onoloopblock +Onolooptransform +Onovectorize
103: f77  +O3 +Ocachepadcommon +Odataprefetch +Ofastaccess +Oinline_budget=5 +Onofltacc +Onolimit
104: f77  +O3 +Ocachepadcommon +Odataprefetch +Onofltacc +Onolimit
107: f77  +Oall +Odataprefetch
110: f77  +O3 +Ocachepadcommon +Odataprefetch +Onofltacc +Onoinline +I/+P
125: f77  +Oall +Odataprefetch
141: f77  +O3 +Ocachepadcommon +Odataprefetch +Onofltacc +Onolimit
145: f77  +Oall +Oinline_budget=600
146: f90  +Oall +Odataprefetch
Linker Flag:  All: -Wl,-aarchive
rborder@hpfcmgw.fc.hp.com
Mon Mar 13 21:09:21 2000
cpu95-20000313-04126.sub
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --