# SPEC CFP95 Results

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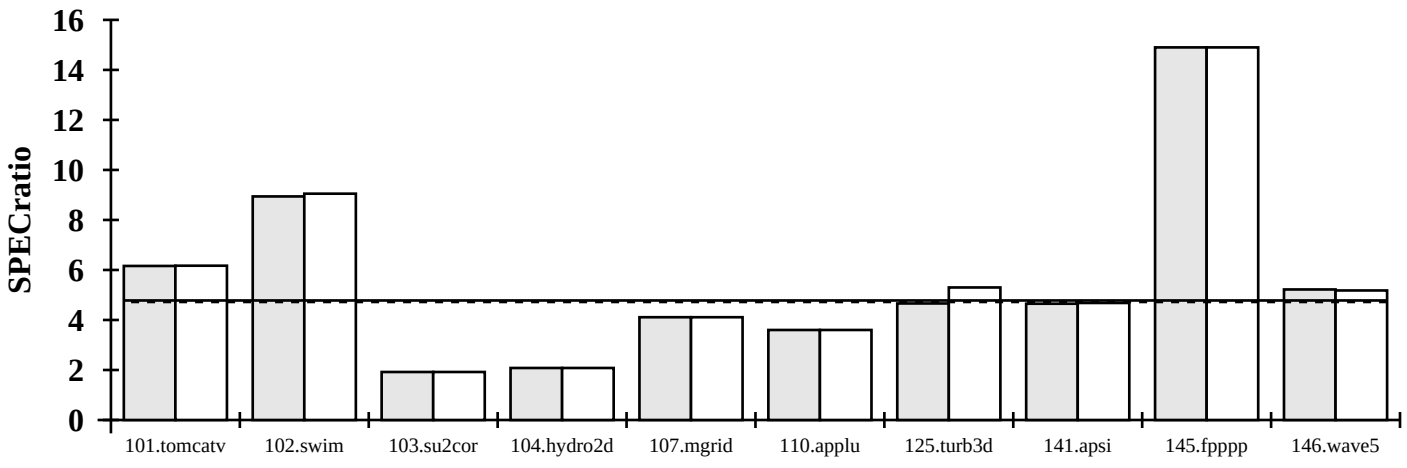
## SGI
## Indy R5000 (180MHz, 512KB L2)

SPECfp95 = 4.78

SPECfp_base95 = 4.72

SPEC license # 04 | Tested By: SGI | Test Date: Jun-96 | Hardware Avail: Mar-96 | Software Avail: May-96




Hardware/Software Configuration for:
Indy R5000 (180MHz, 512KB L2)

**Hardware**

| | |
|---|---|
| Model Name: | Indy R5000 |
| CPU: | 180MHz R5000/SC 1.1 |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 32KBI+32KBD |
| Secondary Cache: | 512KB(I+D) |
| Other Cache: | None |
| Memory: | 256MB |
| Disk Subsystem: | 1GB SCSI |
| Other Hardware: | -- |

**Software**

| | |
|---|---|
| Operating System: | IRIX 6.2 |
| Compiler: | MIPSpro 7.0<br>KAP |
| File System: | XFS |
| System State: | single user |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 101.tomcatv | 3700 | 601 | 6.16 | 600 | 6.17 |
| 102.swim | 8600 | 962 | 8.94 | 950 | 9.05 |
| 103.su2cor | 1400 | 729 | 1.92 | 728 | 1.92 |
| 104.hydro2d | 2400 | 1154 | 2.08 | 1155 | 2.08 |
| 107.mgrid | 2500 | 608 | 4.11 | 609 | 4.11 |
| 110.applu | 2200 | 611 | 3.60 | 611 | 3.60 |
| 125.turb3d | 4100 | 880 | 4.66 | 774 | 5.30 |
| 141.apsi | 2100 | 451 | 4.65 | 448 | 4.68 |
| 145.fpppp | 9600 | 645 | 14.9 | 646 | 14.9 |
| 146.wave5 | 3000 | 575 | 5.22 | 580 | 5.18 |
| SPECfp_base95 (G. Mean) | | | 4.72 | | |
| | | SPECfp95 (G. Mean) | | | 4.78 |

## Notes/Tuning Information

```
Base Flags: -Ofast=ip24  -LNO:fusion=2
Peak Flags: all: -O3 -n32 -mips4 -LNO:fusion=2 -TARG:pr=r5000
tomcatv: -OPT:ro=3 -fbtomcatv.cfb
swim: -OPT:ro=3:pad_common -Wl,-ivpad
su2cor: -TENV:X=3 -OPT:ro=3:IEEE_arith=3:unroll_times_max=2:unroll_size=0:unroll_analysis=off
applu: -OPT:ro=3:div_split
turb3d: -OPT:pad_common:ro=3:IEEE_arith=3 -Wl,-ivpad
apsi: -IPA -OPT:div_split -LNO:fusion=2:prefetch=0
```

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-- Prepared By: --