# SPEC CINT95 Results

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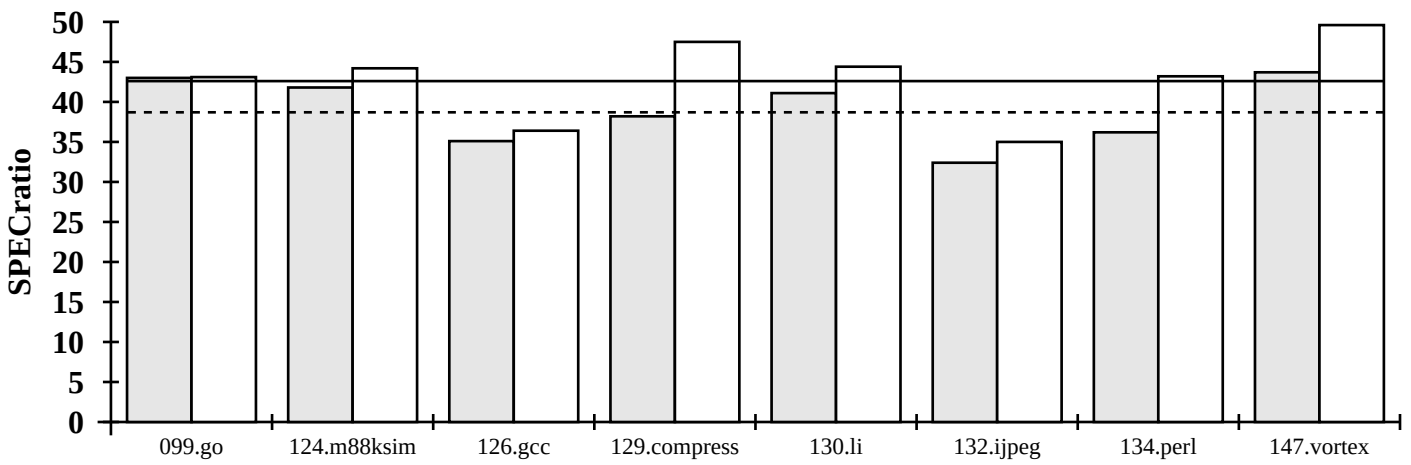
## Hewlett-Packard
## HP 9000 Model J5600

SPECint95 = 42.6

SPECint_base95 = 38.7

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




Hardware/Software Configuration for:
HP 9000 Model J5600

**Hardware**

| | |
|---|---|
| Model Name: | HP 9000 Model J5600 |
| CPU: | 552 Mhz PA-RISC 8600 |
| 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 |

**Software**

| | |
|---|---|
| Operating System: | HP-UX B.11.00 |
| Compiler: | HP92453-01 A.11.01.00 HP C Compiler |
| File System: | HP-UX LVM with HFS |
| System State: | Multi-user |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 099.go | 4600 | 107 | 43.0 | 107 | 43.1 |
| 124.m88ksim | 1900 | 45.5 | 41.8 | 43 | 44.2 |
| 126.gcc | 1700 | 48.4 | 35.1 | 47 | 36.4 |
| 129.compress | 1800 | 47.1 | 38.2 | 38 | 47.5 |
| 130.li | 1900 | 46.3 | 41.1 | 43 | 44.4 |
| 132.ijpeg | 2400 | 74.2 | 32.4 | 69 | 35.0 |
| 134.perl | 1900 | 52.5 | 36.2 | 44 | 43.2 |
| 147.vortex | 2700 | 61.8 | 43.7 | 54 | 49.6 |
| SPECint_base95 (G. Mean) | | | 38.7 | | |
| | | SPECint95 (G. Mean) | | | 42.6 |

## Notes/Tuning Information

```
Portability flag: -Ae

Base flags:
All: fastmem.o +Oall +I/+P +Ostaticprediction

Peak flags:
All:  +ESfic +ESlit +I/+P +Ostaticprediction
Linker Flag: -Wl,-aarchive
099: +O4 +Oentrysched +Olibcalls +Onolimit +Onoloopunroll +Optrs_strongly_typed fastmem.o
124: +Oall +Onoparmsoverlap +Optrs_strongly_typed
126: +O4 +Odataprefetch +Olibcalls +Onolimit +Optrs_ansi -DSPEC fastmem.o
129: +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
130: +ESsfc +Oall +Oinline_budget=400 +Onoptrs_to_globals +Owhole_program_mode -lm
132: +ESsfc +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
134: +ESsfc +O4 -Ac +Oinline_budget=70 +Olibcalls +Onolimit +Owhole_program_mode -lm fastmem.o
147: +Oall +Oinline_budget=800 +Optrs_strongly_typed -lm fastmem.o

Note:  +I/+P indicates use of profile-based optimization
```