# SPEC CINT95 Results

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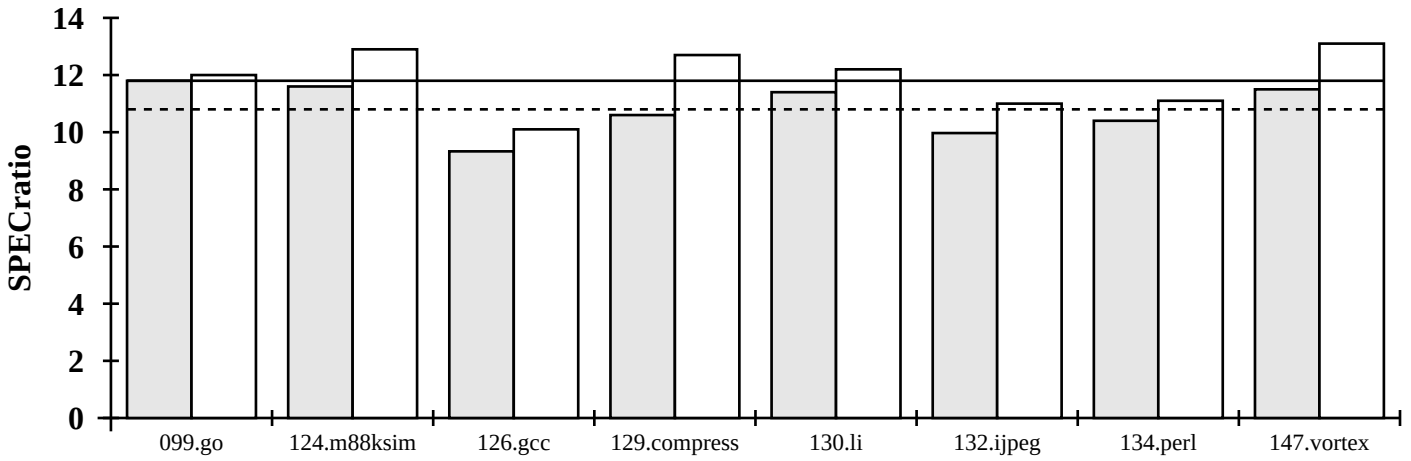
## Hewlett-Packard
## HP 9000 Model K460

SPECint95 = 11.8

SPECint_base95 = 10.8

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




Hardware/Software Configuration for:
HP 9000 Model K460

**Hardware**

| | |
|---|---|
| Model Name: | HP 9000 Model K460 |
| CPU: | 180 MHz PA-RISC 8000 |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 1MBI+1MBD off-chip |
| Secondary Cache: | None |
| Other Cache: | None |
| Memory: | 512MB |
| Disk Subsystem: | 1 Fast/Wide SCSI-2 1.0 GB |
| Other Hardware: | Ethernet |

**Software**

| | |
|---|---|
| Operating System: | HP-UX B.10.20 IC8 |
| Compiler: | HP C HP92453-01 D.10.01B5 |
| File System: | HP-UX |
| System State: | Single-user |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 099.go | 4600 | 390 | 11.8 | 382 | 12.0 |
| 124.m88ksim | 1900 | 164 | 11.6 | 147 | 12.9 |
| 126.gcc | 1700 | 182 | 9.33 | 168 | 10.1 |
| 129.compress | 1800 | 170 | 10.6 | 142 | 12.7 |
| 130.li | 1900 | 167 | 11.4 | 155 | 12.2 |
| 132.ijpeg | 2400 | 241 | 9.97 | 219 | 11.0 |
| 134.perl | 1900 | 183 | 10.4 | 171 | 11.1 |
| 147.vortex | 2700 | 235 | 11.5 | 207 | 13.1 |
| SPECint_base95 (G. Mean) | | | 10.8 | | |
| | | SPECint95 (G. Mean) | | | 11.8 |

## Notes/Tuning Information

```
Portability Flags (base & peak) all benchmarks: -Ae
Library Flags (base & peak) all benchmarks: -Wl, -aarchive

Base: fastmem.o +Oall +I/+P

Peak Flags:
all: +ESfic +ESlit +O4 +I/+P
099: +Oentrysched +Olibcalls +nofastaccess +Onolimit +Onoloop_unroll +Optrs_strongly_typed +Ostaticprediction
124: +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed +Ostaticprediction
126: -DSPEC +Olibcalls +Onolimit +Ostaticprediction
129: +Odataprefetch +Olibcalls +Onofltacc +Onolimit +Optrs_strongly_typed +Owhole_program_mode
130: -lm +ESsfc +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Onoptrs_to_globals +Owhole_program_mode
132: +ESsfc +Odataprefetch +Olibcalls +Onolimit +Optrs_strongly_typed +Owhole_program_mode
134: fastmem.o -lm +Olibcalls +Onolimit +Owhole_program_mode
147: fastmem.o -lm +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Optrs_strongly_typed +Ostaticprediction

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