# SPEC CINT95rate Results

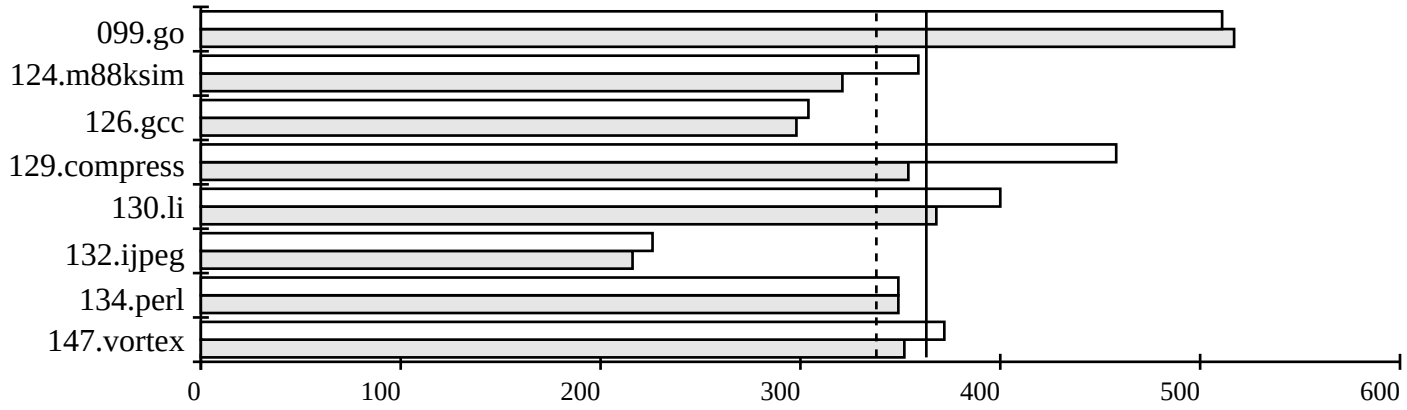
©Copyright 1995, Standard Performance Evaluation Corporation

## Hewlett-Packard
## HP 9000 Model T520 8-CPU

SPECint_rate95 = 363

SPECint_rate_base95 = 338

| SPEC license # 3 | Tested By: HP Cupertino, CA | Test Date: Aug-96 | Hardware Avail: Mar-95 | Software Avail: Sep-96 |
|---|---|---|---|---|




Hardware/Software Configuration for:
HP 9000 Model T520 8-CPU

**Hardware**

| | |
|---|---|
| Model Name: | HP 9000 Model T520 8-CPU |
| CPU: | 120 MHz PA-RISC 7150 |
| FPU: | Integrated |
| Number of CPU(s): | 8 |
| Primary Cache: | 1MBI+1MBD off-chip |
| Secondary Cache: | None |
| Other Cache: | None |
| Memory: | 2GB |
| Disk Subsystem: | 1 Fast/Wide SCSI-2 1.0 GB |
| Other Hardware: | None |

**Software**

| | |
|---|---|
| Operating System: | HP-UX B.10.20 |
| Compiler: | HP92453-01 A.10.32.03 HP C Compiler |
| File System: | HP-UX |
| System State: | Multi-user |

| Benchmark # and Name | Base Copies | Base Run Time | Base SPEC Ratio | Copies | Run Time | SPEC Ratio |
|---|---|---|---|---|---|---|
| 099.go | 8 | 640 | 517 | 8 | 649 | 511 |
| 124.m88ksim | 8 | 426 | 321 | 8 | 381 | 359 |
| 126.gcc | 8 | 411 | 298 | 8 | 403 | 304 |
| 129.compress | 8 | 366 | 354 | 8 | 283 | 458 |
| 130.li | 8 | 371 | 368 | 8 | 342 | 400 |
| 132.ijpeg | 8 | 801 | 216 | 8 | 765 | 226 |
| 134.perl | 8 | 392 | 349 | 8 | 391 | 349 |
| 147.vortex | 8 | 552 | 352 | 8 | 523 | 372 |
| SPECint_rate_base95 (G. Mean) | | | 338 | | | |
| | | | SPECint_rate95 (G. Mean) | | | 363 |

## Notes/Tuning Information

```
Portability Flags (base & peak): All: -Ae

Base Flags:
All: fastmem.o +Oall +I/+P
Linker Flag:  All: -Wl,-aarchive

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: +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 +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
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