# SPEC CINT95 Results

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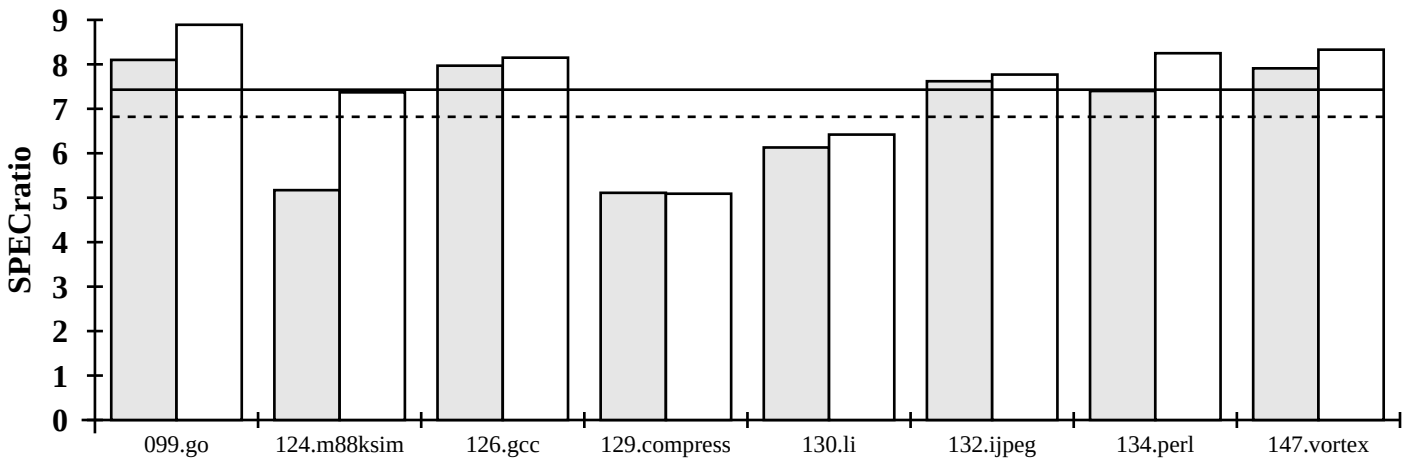
## HAL Computer Systems
## Fujitsu HALstation 300

SPECint95 = 7.43

SPECint_base95 = 6.82

| SPEC license # 27 | Tested By: HAL Computer Systems | Test Date: Sep-96 | Hardware Avail: Nov-96 | Software Avail: Nov-96 |
|---|---|---|---|---|




Hardware/Software Configuration for:
Fujitsu HALstation 300

**Hardware**

| | |
|---|---|
| Model Name: | 375 |
| CPU: | 141 MHz SPARC64 |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 128KBI,128KBD on chip |
| Secondary Cache: | None |
| Other Cache: | None |
| Memory: | 128MB |
| Disk Subsystem: | 1 x 2GB<br>1 x 2GB |
| Other Hardware: | Ethernet |

**Software**

| | |
|---|---|
| Operating System: | SPARC64/OS 2.4 |
| Compiler: | Fujitsu C V3.0<br>Fujitsu Fortran90 V3.0 |
| File System: | UFS |
| System State: | Multiple User |
| Kernel Extensions: | none |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 099.go | 4600 | 568 | 8.10 | 518 | 8.89 |
| 124.m88ksim | 1900 | 367 | 5.17 | 258 | 7.37 |
| 126.gcc | 1700 | 213 | 7.97 | 209 | 8.15 |
| 129.compress | 1800 | 352 | 5.11 | 354 | 5.09 |
| 130.li | 1900 | 310 | 6.13 | 296 | 6.42 |
| 132.ijpeg | 2400 | 315 | 7.62 | 309 | 7.77 |
| 134.perl | 1900 | 257 | 7.40 | 230 | 8.25 |
| 147.vortex | 2700 | 341 | 7.91 | 324 | 8.33 |
| SPECint_base95 (G. Mean) | | | 6.82 | | |
| | | SPECint95 (G. Mean) | | | 7.43 |

### Notes/Tuning Information

```
Baseline flags were: -Kfast,GREG,V8PLUS -x-
Nonbaseline flags were: ALL -dn -Kfast,GREG,V8PLUS
099: -Kpopt
124: -Kpopt -O4 -x10
126: -Kpopt,sp=0 -O4 -x15
129: -Kpopt -x100
130: -Kpopt,sp=0 -O4 -x150
132: -O4 -x-
134: -Kpopt,sp=0 -O4 -x70
147: -Kpopt -O4 -x20
Portability: 124, 132: -DSYSV
Portability: 126: -Dalloca=__builtin_alloca
```

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