# SPEC CINT95 Results

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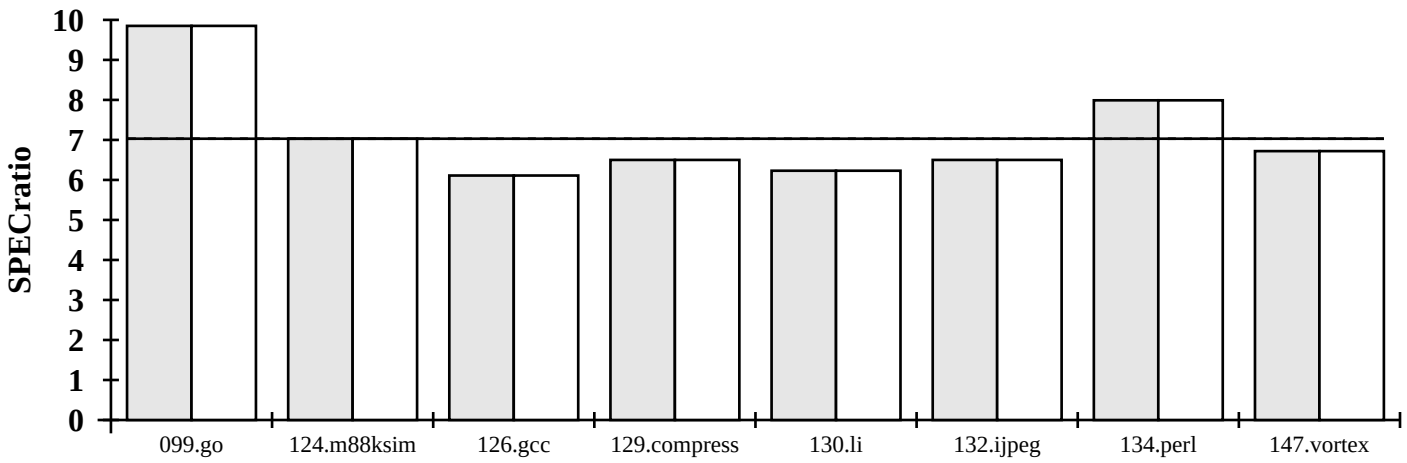
## Digital Equipment Corp.
## AlphaServer 2100 5/300

SPECint95 = 7.03

SPECint_base95 = 7.03

| SPEC license # 2 | Tested By: Digital NH | Test Date: Oct-95 | Hardware Avail: Jan-96 | Software Avail: Aug-95 |
|---|---|---|---|---|




Hardware/Software Configuration for:
AlphaServer 2100 5/300

**Hardware**

| | |
|---|---|
| Model Name: | AlphaServer 2100 5/300 |
| CPU: | 291 MHz 21164 |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 8KBI+8KBD on chip |
| Secondary Cache: | 96KB(I+D) off chip |
| Other Cache: | 4MB |
| Memory: | 256MB |
| Disk Subsystem: | 1 x 2GB |
| | 1 x 2GB |
| Other Hardware: | Ethernet |

**Software**

| | |
|---|---|
| Operating System: | Digital UNIX V3.2C (Rev 148) |
| Compiler: | DEC C V5.0-106 |
| File System: | UFS |
| System State: | Multi User |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 099.go | 4600 | 467 | 9.85 | 467 | 9.85 |
| 124.m88ksim | 1900 | 270 | 7.03 | 270 | 7.03 |
| 126.gcc | 1700 | 278 | 6.11 | 278 | 6.11 |
| 129.compress | 1800 | 277 | 6.50 | 277 | 6.50 |
| 130.li | 1900 | 305 | 6.23 | 305 | 6.23 |
| 132.ijpeg | 2400 | 369 | 6.50 | 369 | 6.50 |
| 134.perl | 1900 | 238 | 7.99 | 238 | 7.99 |
| 147.vortex | 2700 | 402 | 6.72 | 402 | 6.72 |
| SPECint_base95 (G. Mean) | | | 7.03 | | |
| | | SPECint95 (G. Mean) | | | 7.03 |

### Notes/Tuning Information

```
Baseline Optimizations: -O5 -ifo -non_shared -om
Portibility Flags: 124.m88ksim: -DLEHOST  134.perl: -DI_TIME
147.vortex: -D__RISC_64__

Compiler invokation: cc -migrate -std1 (DEC C with -std1 for strict ANSI)
```