# SPEC CINT95 Results

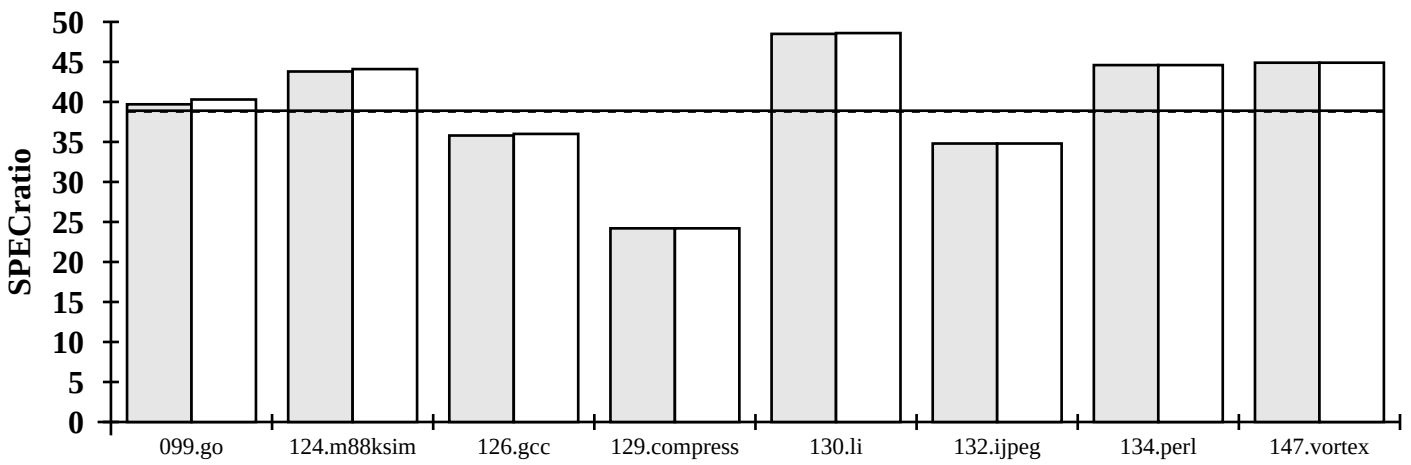
©Copyright 1995, Standard Performance Evaluation Corporation

## Dell Computer Corporation
## Precision WorkStation 420

SPECint95 = 38.9

SPECint_base95 = 38.8

SPEC license # 55 | Tested By: Dell, Round Rock, TX | Test Date: Mar-2000 | Hardware Avail: Jan-2000 | Software Avail: Feb-2000




Hardware/Software Configuration for:
Precision WorkStation 420

**Hardware**

| | |
|---|---|
| Model Name: | Precision WorkStation 420 |
| CPU: | 800 MHz Pentium III processor |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 16KBI+16KBD |
| Secondary Cache: | 256KB(I+D) ECC |
| Other Cache: | None |
| Memory: | 256MB ECC PC800 RDRAM |
| Disk Subsystem: | Quantum Atlas 10K Ultra3 |
| Other Hardware: | |

**Software**

| | |
|---|---|
| Operating System: | Microsoft Windows NT 4.0 (SP5) |
| Compiler: | Intel C Compiler 4.5, Microsoft Visual C++ 6.0 (for libraries), MicroQuill SmartHeap Library 5.0 |
| File System: | NTFS |
| System State: | Default |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 099.go | 4600 | 116 | 39.7 | 114 | 40.3 |
| 124.m88ksim | 1900 | 43.4 | 43.8 | 43 | 44.1 |
| 126.gcc | 1700 | 47.4 | 35.8 | 47 | 36.0 |
| 129.compress | 1800 | 74.3 | 24.2 | 74 | 24.2 |
| 130.li | 1900 | 39.1 | 48.5 | 39 | 48.6 |
| 132.ijpeg | 2400 | 69.0 | 34.8 | 69 | 34.8 |
| 134.perl | 1900 | 42.6 | 44.6 | 43 | 44.6 |
| 147.vortex | 2700 | 60.1 | 44.9 | 60 | 44.9 |
| SPECint_base95 (G. Mean) | | | 38.8 | | |
| | | SPECint95 (G. Mean) | | | 38.9 |

### Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use
Base flags: -QxK -Qipo_wp +FDO shlW32M.lib
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
099: -QxK -Qipo_wp -Qunroll0 -Oa +FDO shlW32M.lib
124: -QxK -Qipo -Oa +FDO shlW32M.lib
126: -QxK -Qipo_wp -Oa +FDO shlW32M.lib
129: -QxK -Qipo_wp +FDO shlW32M.lib
130: -QxK -Qipo_wp +FDO shlW32M.lib
132: -QxK -Qipo_wp +FDO shlW32M.lib
134: -QxK -Qipo -Qrcd +FDO shlW32M.lib
147: -QxK -Qipo_wp +FDO shlW32M.lib
shlW32M.lib is the SmartHeap library from MicroQuill
Portability: 124:-DNT -DLEHOST
Portability: 126: -D__STDC__=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca
Portability: 132: -DSYSV -DMSDOS
Portability: 134: -DMSDOS -DI_TIME
Microsoft Visual C++ 6.0 is installed for libraries
-- 133 MHz front side bus
```