# SPEC CFP95 Results

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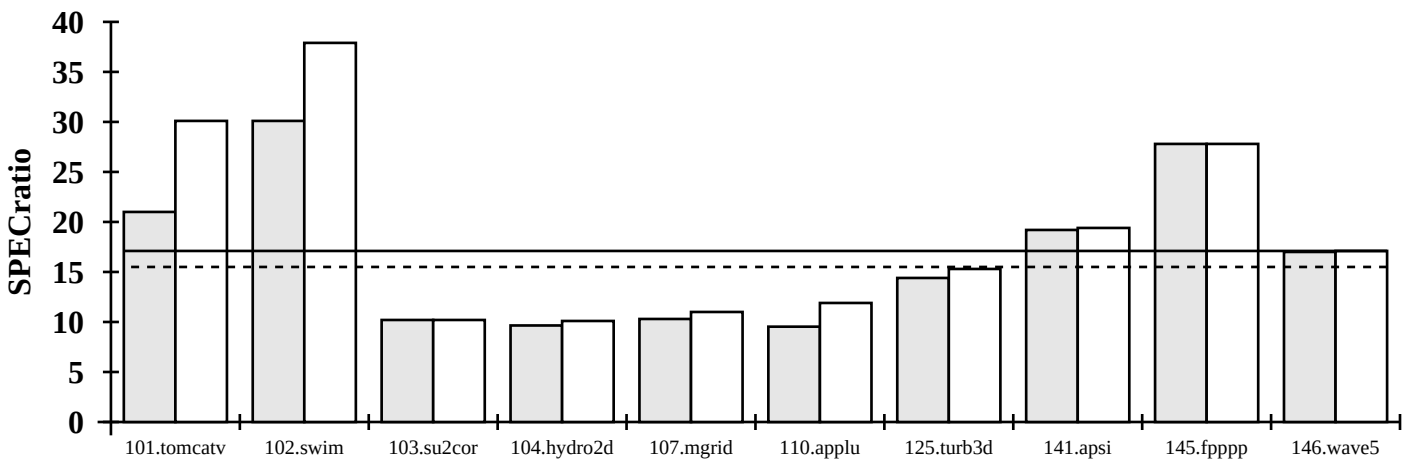
## Siemens AG
## Celsius 630

SPECfp95 = 17.1

SPECfp_base95 = 15.5

| SPEC license # 22 | Tested By Siemens, Munich / Germany | Test Date: Apr-99 | Hardware Avail: May-99 | Software Avail: Mar-99 |
|---|---|---|---|---|




Hardware/Software Configuration for:
Celsius 630

**Hardware**

| | |
|---|---|
| Model Name: | Celsius 630 |
| CPU: | Pentium III Xeon Processor 550 MHz |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 16KBI+16KBD |
| Secondary Cache: | 512KB(I+D) w/ECC |
| Other Cache: | None |
| Memory: | 256MB SDRAM w/ECC |
| Disk Subsystem: | 1 x 4 GB |
| Other Hardware: | None |

**Software**

| | |
|---|---|
| Operating System: | Windows NT V4.0 EE (SP 4) |
| Compiler: | Intel Fortran Plug-In Compiler 2.4 |
| File System: | NTFS |
| System State: | Default |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 101.tomcatv | 3700 | 177 | 21.0 | 123 | 30.1 |
| 102.swim | 8600 | 285 | 30.1 | 227 | 37.9 |
| 103.su2cor | 1400 | 138 | 10.2 | 138 | 10.2 |
| 104.hydro2d | 2400 | 249 | 9.65 | 238 | 10.1 |
| 107.mgrid | 2500 | 243 | 10.3 | 228 | 11.0 |
| 110.applu | 2200 | 231 | 9.53 | 185 | 11.9 |
| 125.turb3d | 4100 | 284 | 14.4 | 268 | 15.3 |
| 141.apsi | 2100 | 109 | 19.2 | 108 | 19.4 |
| 145.fpppp | 9600 | 345 | 27.8 | 345 | 27.8 |
| 146.wave5 | 3000 | 177 | 17.0 | 175 | 17.1 |
| SPECfp_base95 (G. Mean) | | | 15.5 | | |
| | | SPECfp95 (G. Mean) | | | 17.1 |

### Notes/Tuning Information

```
Portability Flag for 125.turb3d: -Qlowercase
Flags Base: /Qxi /G6 /Qpc64
Flags Peak:
101.tomcatv:  /Qxi /G6 /Qpc64 -Qpad -Qrct -Qpad_dim 5
102.swim: /Qxi /G6 /Qpad /Qpc32 /Qpad_dim 2
103.su2cor: /Qxi /G6 /Qpc64 /Qmem
104.hydro2d: /Qxi /G6 /Qpc64 /Qmem
107.mgrid:  /Qxi /Qpad /Qpc64 /QIfdiv-
110.applu: /Qxi /G6 /Qip /Qpc64 -mP2OPT_opt_bblock_stat_limit=10000 /Qmem
125.turb3d: /Qxi /G6 /Qmem /Qpad /Qpc64 /Oi /Qrct
146.wave5: /Qxi /G6 /Qpc64 /Qmem
all other benchmarks use /Qxi /G6 /Qpc64 (same as baseline)
Operating system abbreviations: EE = Enterprise edition; SP = Service Pack
The Intel Fortran Compiler 2.4 is shipped with VTune 4.0
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For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --