# SPEC CFP95rate Results

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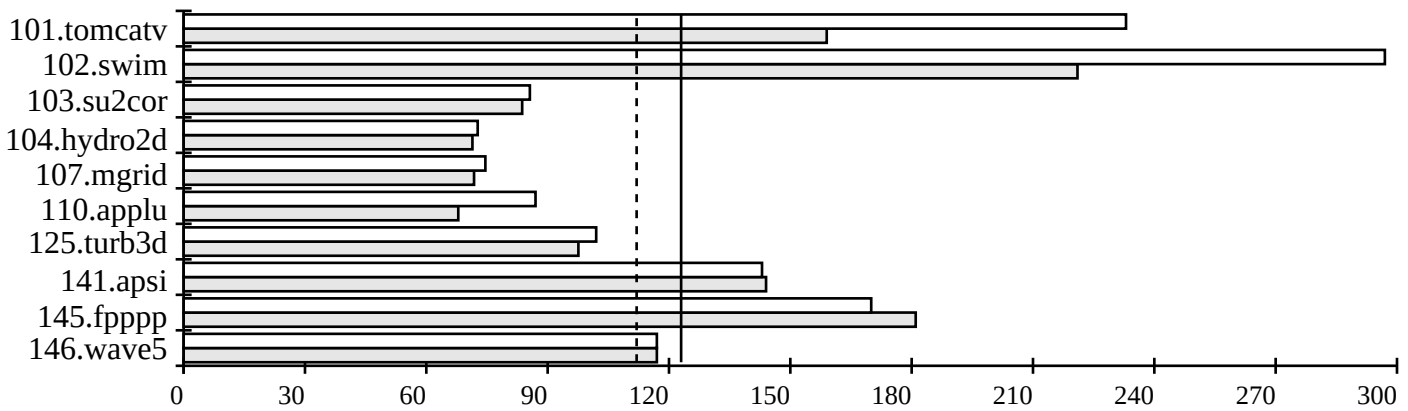
Intel Corporation
Intel MS440GX motherboard (400MHz, 1MB L2, 1 CPU)

SPECfp_rate95 = 123

SPECfp_rate_base95 = 112

SPEC license # 14 | Tested By: Intel Corp. | Test Date: Jun-98 | Hardware Avail: Jul-98 | Software Avail: Jul-97




Hardware/Software Configuration for:
Intel MS440GX motherboard (400MHz, 1MB L2, 1 CPU)

**Hardware**

| | |
|---|---|
| Model Name: | Intel MS440GX Motherboard |
| CPU: | 400MHz Pentium II Xeon Processor |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 16KBI+16KBD |
| Secondary Cache: | 1MB (I+D) w/ECC |
| Other Cache: | None |
| Memory: | 128MB |
| Disk Subsystem: | Seagate Cheetah, Adaptec 2940 SCSIUW |
| Other Hardware: | Matrox Millenium II |

**Software**

| | |
|---|---|
| Operating System: | Microsoft Windows NT 4.0 |
| Compiler: | Intel Fortran Compiler 2.4 |
| File System: | NTFS |
| System State: | Default |

| Benchmark # and Name | Base Copies | Base Run Time | Base SPEC Ratio | Copies | Run Time | SPEC Ratio |
|---|---|---|---|---|---|---|
| 101.tomcatv | 1 | 210 | 159 | 1 | 143 | 233 |
| 102.swim | 1 | 351 | 221 | 1 | 260 | 297 |
| 103.su2cor | 1 | 150 | 83.7 | 1 | 147 | 85.6 |
| 104.hydro2d | 1 | 302 | 71.4 | 1 | 297 | 72.7 |
| 107.mgrid | 1 | 313 | 71.8 | 1 | 302 | 74.6 |
| 110.applu | 1 | 292 | 67.9 | 1 | 227 | 87.0 |
| 125.turb3d | 1 | 378 | 97.6 | 1 | 362 | 102 |
| 141.apsi | 1 | 131 | 144 | 1 | 132 | 143 |
| 145.fpppp | 1 | 476 | 181 | 1 | 507 | 170 |
| 146.wave5 | 1 | 231 | 117 | 1 | 230 | 117 |
| SPECfp_rate_base95 (G. Mean) | | | 112 | | | |
| SPECfp_rate95 (G. Mean) | | | | | | 123 |

## Notes/Tuning Information

```
Flags: Base: -G6 -Qpc 64
Peak:
101: -G6 -Qpc 64 -Qpad -Qrct -Qpad_dim 5
102: -G6  -Qpad -Qpad_dim 2 -Qpc 32
103: -G6  -Qpad -Qrct -Qpc 64
104: -G6  -Qpc 64
107: -Qpad -Qpc 64 -QIfdiv-
110: -G6  -Qip -mP2OPT_opt_bblock_stat_limit=10000 -Qpc 64
125: -G6 -Qpc 64 -Qpad
141: -G6  -Qpc 64
145: -QIfdiv- -Qpc 64
146: -G6  -Qpc 64
The Intel Compiler 2.4 is shipped with VTune 2.4 - see http://developer.intel.com/
Tested system can be used with: Shin-G ATX Computer Case; Sparkle, Inc. ATX Power Supply
Product description located as of (7/98) at:
http://developer.intel.com/design/wrkstn/ms440gx/index.htm
Motherboard is available through Intel OEM distribution distribution channel. See:
http://www.intel.com/intel/contact for further information.
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --