# SPEC CINT95 Results

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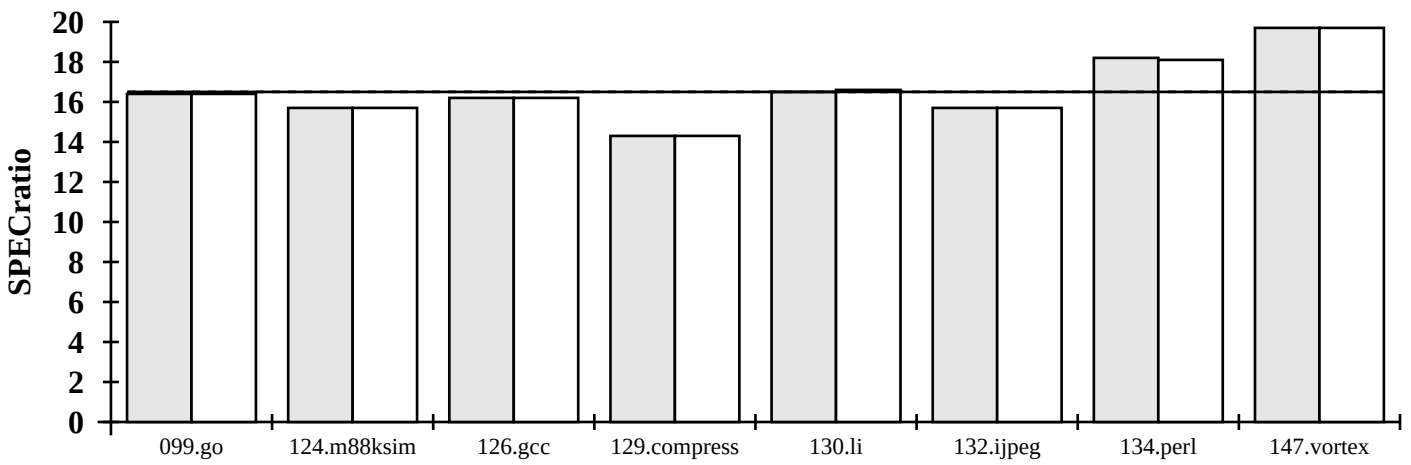
Intel Corporation
Intel MS440GX Motherboard (400MHz, 1MB L2)

SPECint95 = 16.5

SPECint_base95 = 16.5

| 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)

**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 C Compiler 2.4 for Windows NT<br>Microsoft Visual C++ 5.0 (for libraries) |
| File System: | NTFS |
| System State: | Default |

| Benchmark # and Name | Reference Time | Base Run Time | Base SPEC Ratio | Run Time | SPEC Ratio |
|---|---|---|---|---|---|
| 099.go | 4600 | 281 | 16.4 | 281 | 16.4 |
| 124.m88ksim | 1900 | 121 | 15.7 | 121 | 15.7 |
| 126.gcc | 1700 | 105 | 16.2 | 105 | 16.2 |
| 129.compress | 1800 | 126 | 14.3 | 126 | 14.3 |
| 130.li | 1900 | 115 | 16.5 | 115 | 16.6 |
| 132.ijpeg | 2400 | 153 | 15.7 | 153 | 15.7 |
| 134.perl | 1900 | 105 | 18.2 | 105 | 18.1 |
| 147.vortex | 2700 | 137 | 19.7 | 137 | 19.7 |
| SPECint_base95 (G. Mean) | | | 16.5 | | |
| | | SPECint95 (G. Mean) | | | 16.5 |

## Notes/Tuning Information

```
Base and peak flags are the same and use Feedback Directed Optimization
Pass1: -G6 -Qipo -Qprof_gen -Qprof_dir c:/temp/IRCDB
Pass2: -G6 -Qipo -Qprof_use -Qprof_dir c:/temp/IRCDB
-prof_dir is a location flag and not an optimization flag
Portability: 124:-DNT -DLEHOST  125: -Qlowercase
Portability: 126: -D__TURBOC__ -D_MSDOS -D__STDC__=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca -DDeleteFile=remove
Portability: 132: -DMSDOS
Portability: 134: -DMSDOS -DI_TIME
The Intel Compiler 2.4 for Windows NT is shipped with VTune 2.4, see http://developer.intel.com/
Microsoft Visual C++ 5.0 is also installed for libraries
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: --