# CINT2000 Result

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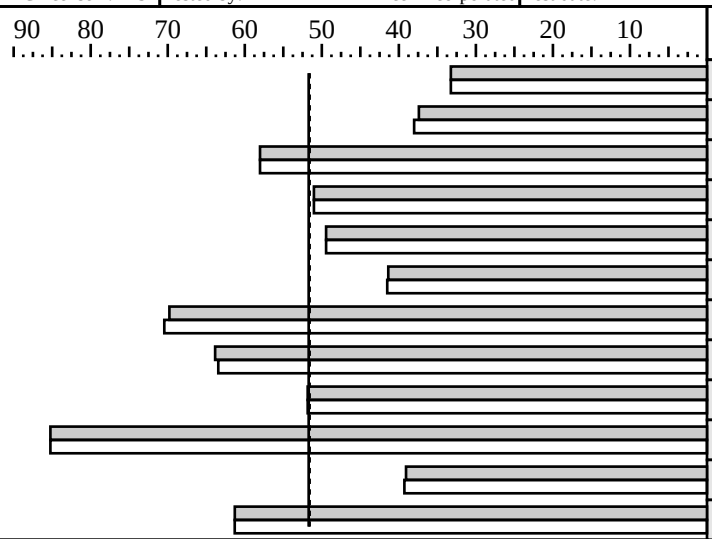
## Acer Incorporated

Acer Altos G540 (2.33 GHz Intel Xeon Processor 5140)

SPECint_rate2000 = 51.7

SPECint_rate_base2000 = 51.6

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Oct-2006 | Hardware Avail: Sep-2006 | Software Avail: Mar-2006




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 164.gzip | 2 | 97.7 | 33.2 | 2 | 97.7 | 33.2 |
| 175.vpr | 2 | 86.8 | 37.4 | 2 | 85.4 | 38.0 |
| 176.gcc | 2 | 44.0 | 58.0 | 2 | 44.0 | 58.0 |
| 181.mcf | 2 | 81.8 | 51.0 | 2 | 81.8 | 51.0 |
| 186.crafty | 2 | 46.9 | 49.4 | 2 | 46.9 | 49.4 |
| 197.parser | 2 | 101 | 41.4 | 2 | 101 | 41.5 |
| 252.eon | 2 | 43.2 | 69.8 | 2 | 42.8 | 70.4 |
| 253.perlbmk | 2 | 65.4 | 63.8 | 2 | 65.8 | 63.4 |
| 254.gap | 2 | 49.2 | 51.8 | 2 | 49.2 | 51.8 |
| 255.vortex | 2 | 51.7 | 85.2 | 2 | 51.7 | 85.2 |
| 256.bzip2 | 2 | 89.1 | 39.1 | 2 | 88.6 | 39.3 |
| 300.twolf | 2 | 114 | 61.3 | 2 | 114 | 61.3 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon Processor 5140 (2.33 GHz, 4MB L2, 1333 MHz system bus) |
| CPU MHz: | 2333 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1,2 chips |
| Parallel: | No |
| Primary Cache: | 32KB(I) + 32KB(D) on chip, per core |
| Secondary Cache: | 4096KB(I+D) on chip (per chip), shared |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 8 x 1024MB ECC FB-DIMM DDR2-667 |
| Disk Subsystem: | 1 x 73GB 10000RPM SAS HDD |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1 |
| Compiler: | Intel C++ Compiler 9.1 Build 20060323Z for IA32<br>Microsoft Visual Studio .Net 2003 (7.1.3091, for libraries)<br>shlW32M.lib is SmartHeap Library Version 7.4 from http://www.microquill.com/ |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     basepeak=yes
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   basepeak=yes
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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## Notes/Tuning Information (Continued)

```
300.twolf:    -fast  +FDO shlW32M.lib
```