



CINT2000 Result

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Acer Incorporated
Altos G710 (3.6 GHz Intel Xeon)

SPECint_rate2000 = 38.5
SPECint_rate_base2000 = 38.4

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Apr-2005 | Hardware Avail: Apr-2005 | Software Avail: Apr-2005

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip | 2 | 118 | 27.5 | 2 | 118 | 27.5 |
| 175.vpr | 2 | 121 | 26.8 | 2 | 120 | 27.2 |
| 176.gcc | 2 | 55.2 | 46.3 | 2 | 55.2 | 46.3 |
| 181.mcf | 2 | 114 | 36.7 | 2 | 114 | 36.7 |
| 186.crafty | 2 | 74.4 | 31.2 | 2 | 74.4 | 31.2 |
| 197.parser | 2 | 123 | 33.8 | 2 | 123 | 33.9 |
| 252.eon | 2 | 57.6 | 52.4 | 2 | 57.4 | 52.5 |
| 253.perlbnk | 2 | 85.2 | 49.0 | 2 | 85.0 | 49.1 |
| 254.gap | 2 | 65.1 | 39.2 | 2 | 65.1 | 39.2 |
| 255.vortex | 2 | 68.4 | 64.5 | 2 | 68.4 | 64.5 |
| 256.bzip2 | 2 | 121 | 28.9 | 2 | 120 | 29.0 |
| 300.twolf | 2 | 166 | 41.9 | 2 | 166 | 41.9 |

Hardware

CPU: Intel Xeon (3.6 GHz, 2MB L2, 800MHz system bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip(Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12KB(I) micro-ops + 16KB(D) on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 512MB ECC DDR2-400 SDRAM
Disk Subsystem: 1 x 73GB 10000RPM U320 SCSI HDD
Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
Compiler: Intel C++ Compiler 8.1 Build 20041019Z
Microsoft Visual Studio .Net 2003(7.1.3091, for libraries)
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
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
252.eon: Approved stdcpp src.alt used
253.perlbnk: -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.perlbnk: -fast -Qansi_alias +FDO shlW32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
```



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Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO
300.twolf: -fast -O3 +FDO shlw32M.lib

Product description located at <http://www.acer.com>