



# CINT2000 Result

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**Acer Incorporated**  
Acer Altos G540 (2.66 GHz Intel Xeon Processor 5150)

SPECint\_rate2000 = 57.4  
SPECint\_rate\_base2000 = 57.3

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	85.8	37.9	2	85.8	37.9
175.vpr	2	78.8	41.2	2	77.6	41.9
176.gcc	2	42.0	60.8	2	42.0	60.8
181.mcf	2	78.4	53.3	2	78.4	53.3
186.crafty	2	41.1	56.5	2	41.1	56.5
197.parser	2	90.1	46.3	2	89.8	46.5
252.eon	2	37.8	79.7	2	37.6	80.2
253.perlbnk	2	57.7	72.4	2	58.0	72.0
254.gap	2	44.9	56.8	2	44.9	56.8
255.vortex	2	46.9	94.0	2	46.9	94.0
256.bzip2	2	79.5	43.8	2	79.7	43.7
300.twolf	2	99.3	70.1	2	99.3	70.1

### Hardware

CPU: Intel Xeon Processor 5150 (2.66 GHz, 4MB L2, 1333 MHz system bus)  
CPU MHz: 2666  
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  
Microsoft Visual Studio .Net 2003 (7.1.3091, for libraries)  
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.crafty: -DNT_i386
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
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



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## Notes/Tuning Information (Continued)

300.twolf: -fast +FDO shlw32M.lib