



# CINT2000 Result

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**Acer Incorporated**  
Acer Altos R720 (2.33 GHz Intel Xeon Processor 5140)

SPECint\_rate2000 = **50.5**  
SPECint\_rate\_base2000 = **50.4**

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	98.6	33.0	2	98.6	33.0
175.vpr	2	88.6	36.6	2	87.1	37.3
176.gcc	2	48.6	52.5	2	48.6	52.5
181.mcf	2	83.4	50.0	2	83.4	50.0
186.crafty	2	46.9	49.4	2	46.9	49.4
197.parser	2	102	41.0	2	102	41.1
252.eon	2	43.2	69.8	2	42.8	70.4
253.perlbnk	2	65.8	63.4	2	66.3	63.0
254.gap	2	50.0	51.0	2	50.0	51.0
255.vortex	2	53.4	82.5	2	53.4	82.5
256.bzip2	2	94.9	36.7	2	95.3	36.5
300.twolf	2	114	61.3	2	114	61.3

### Hardware

CPU: Intel Xeon Processor 5140 (2.33 GHz, 4MB L2, 1333MHz system bus)  
 CPU MHz: 2333  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1,2  
 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 2048MB 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