



# CINT2000 Result

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**Acer Incorporated**  
Acer Altos R910 (3.66 GHz Intel Xeon MP)

SPECint\_rate2000 = 33.4  
SPECint\_rate\_base2000 = 33.4

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	4	180	36.1	4	180	36.1
175.vpr	4	367	17.7	4	362	18.0
176.gcc	4	140	36.6	4	140	36.6
181.mcf	4	474	17.6	4	474	17.6
186.crafty	4	144	32.1	4	144	32.1
197.parser	4	244	34.3	4	242	34.6
252.eon	4	96.4	62.6	4	95.9	62.9
253.perlbnk	4	182	45.9	4	181	46.0
254.gap	4	119	42.8	4	119	42.8
255.vortex	4	157	56.2	4	157	56.2
256.bzip2	4	295	23.6	4	296	23.5
300.twolf	4	543	25.6	4	542	25.7

### Hardware

CPU: Intel Xeon MP (3.66 GHz, 1MB L2, 667MHz system bus)  
 CPU MHz: 3660  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)  
 CPU(s) orderable: 1,2,3,4  
 Parallel: No  
 Primary Cache: 12K micro-ops I + 16KB(D) on chip  
 Secondary Cache: 1024KB(I+D) on chip (per chip)  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 16 x 1024MB 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), 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