



# CINT2000 Result

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**Acer Incorporated**  
Acer Altos G330 (1.86 GHz Intel Xeon Processor 3040)

SPECint\_rate2000 = 39.7  
SPECint\_rate\_base2000 = 39.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	122	26.7	2	122	26.7
175.vpr	2	124	26.2	2	122	26.7
176.gcc	2	53.7	47.5	2	53.7	47.5
181.mcf	2	136	30.8	2	136	30.8
186.crafty	2	59.3	39.1	2	59.3	39.1
197.parser	2	130	32.1	2	130	32.2
252.eon	2	53.9	56.0	2	53.3	56.6
253.perlbnk	2	82.1	50.9	2	82.6	50.6
254.gap	2	56.9	44.9	2	56.9	44.9
255.vortex	2	62.8	70.2	2	62.8	70.2
256.bzip2	2	124	28.0	2	125	27.8
300.twolf	2	148	47.1	2	149	46.8

### Hardware

CPU: Intel Xeon Processor 3040 (1.86 GHz, 2MB L2, 1066MHz system bus)  
CPU MHz: 1866  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1 chip  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4 x 1024MB ECC DDR2-667  
Disk Subsystem: 1 x 80GB 7200RPM SATA 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