



# CINT2000 Result

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## Acer Incorporated

Acer Altos R520 (3.2 GHz Intel Xeon Processor 5060)

SPECint\_rate2000 = 37.3

SPECint\_rate\_base2000 = 37.2

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Jun-2006 | Hardware Avail: Nov-2006 | Software Avail: Nov-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	197	32.9	4	197	32.9
175.vpr	4	275	23.6	4	267	24.4
176.gcc	4	101	50.7	4	101	50.7
181.mcf	4	302	27.6	4	302	27.6
186.crafty	4	165	28.1	4	165	28.1
197.parser	4	229	36.4	4	227	36.7
252.eon	4	130	46.5	4	130	46.4
253.perlbnk	4	204	41.0	4	203	41.1
254.gap	4	125	40.7	4	125	40.7
255.vortex	4	149	59.1	4	149	59.1
256.bzip2	4	220	31.6	4	220	31.7
300.twolf	4	319	43.7	4	318	43.8

### Hardware

CPU: Intel Xeon Processor 5060 (3.2 GHz, 2x2MB L2, 1066MHz system bus)  
CPU MHz: 3200  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per core  
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 9.0 Build 20051130Z 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

This result was measured on the Acer Alto R720.