



# CINT2000 Result

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## Acer Incorporated

Acer Altos R720 (1.86 GHz Intel Xeon Processor E5320)

SPECint\_rate2000 = 76.5

SPECint\_rate\_base2000 = 76.4

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	4	125	51.9	4	125	51.9
175.vpr	4	117	55.6	4	115	56.4
176.gcc	4	63.1	80.9	4	63.1	80.9
181.mcf	4	130	64.4	4	130	64.4
186.crafty	4	58.7	79.0	4	58.7	79.0
197.parser	4	131	64.0	4	130	64.1
252.eon	4	54.1	112	4	53.6	113
253.perlbnk	4	83.0	101	4	83.5	100.0
254.gap	4	77.7	65.7	4	77.7	65.7
255.vortex	4	69.5	127	4	69.5	127
256.bzip2	4	123	56.7	4	123	56.5
300.twolf	4	142	97.9	4	142	97.9

### Hardware

CPU: Intel Xeon Processor E5320 (1.86 GHz, 8MB L2, 1066 MHz system bus)  
 CPU MHz: 1866  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip  
 CPU(s) orderable: 1,2 chips  
 Parallel: No  
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
 Secondary Cache: 8MB(I+D) on chip, per chip (4MB shared per 2 cores)  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8 x 2048MB ECC FB-DIMM DDR2-667  
 Disk Subsystem: 1 x 73GB 10KRPM 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

This result was measured on the Acer Altos R520.  
The Altos R720 and Altos R520 are electronically equivalent.