



# CINT2000 Result

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## Acer Incorporated

Acer Altos G710 (3.8 GHz Intel Xeon processor, 2MB L2, 800MHz system bus)

SPECint2000 = 1813

SPECint\_base2000 = 1813

SPEC license #: 97 Tested by: Acer Incorporated Test date: Nov-2005 Hardware Avail: Oct-2005 Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	112	1256	112	1256	[Bar chart showing ratio]			
175.vpr	1400	114	1231	113	1242	[Bar chart showing ratio]			
176.gcc	1100	50.8	2166	50.8	2166	[Bar chart showing ratio]			
181.mcf	1800	90.9	1980	90.9	1980	[Bar chart showing ratio]			
186.crafty	1000	71.4	1400	71.4	1400	[Bar chart showing ratio]			
197.parser	1800	116	1547	117	1544	[Bar chart showing ratio]			
252.eon	1300	54.6	2383	54.7	2377	[Bar chart showing ratio]			
253.perlbmk	1800	79.0	2279	79.0	2279	[Bar chart showing ratio]			
254.gap	1100	54.5	2017	54.5	2017	[Bar chart showing ratio]			
255.vortex	1900	63.0	3015	63.0	3015	[Bar chart showing ratio]			
256.bzip2	1500	109	1374	109	1371	[Bar chart showing ratio]			
300.twolf	3000	155	1933	155	1933	[Bar chart showing ratio]			

### Hardware

CPU: Intel Xeon (3.8 GHz, 2MB L2, 800MHz system bus)  
CPU MHz: 3800  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip(Hyper-Threading Technology Disable)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12KB(I) micro-ops + 16KB(D) on chip  
Secondary Cache: 2048KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 512MB ECC DDR2-400 SDRAM  
Disk Subsystem: 1 x 36GB 10000RPM U320 SCSI HDD  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790)  
Compiler: Intel C++ Compiler 9.0 Build 20050430Z 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
252.eon: Approved stdcpp src.alt used
253.perlbmk: -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.perlbmk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
```



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## Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO  
300.twolf: -fast +FDO shlw32M.lib

Product description located at <http://www.acer.com>