



# CINT2000 Result

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Acer Incorporated  
Altos G710 (3.6 GHz Intel Xeon)

SPECint2000 = 1728  
SPECint\_base2000 = 1725

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	117	1200	117	1200	[Bar chart showing ratio]			
175.vpr	1400	117	1200	115	1218	[Bar chart showing ratio]			
176.gcc	1100	54.1	2033	54.1	2033	[Bar chart showing ratio]			
181.mcf	1800	92.1	1954	92.1	1954	[Bar chart showing ratio]			
186.crafty	1000	74.5	1343	74.5	1343	[Bar chart showing ratio]			
197.parser	1800	122	1472	122	1474	[Bar chart showing ratio]			
252.eon	1300	57.6	2256	57.5	2263	[Bar chart showing ratio]			
253.perlbmk	1800	84.4	2133	84.2	2137	[Bar chart showing ratio]			
254.gap	1100	57.2	1922	57.2	1922	[Bar chart showing ratio]			
255.vortex	1900	66.3	2867	66.3	2867	[Bar chart showing ratio]			
256.bzip2	1500	117	1280	117	1286	[Bar chart showing ratio]			
300.twolf	3000	166	1805	166	1804	[Bar chart showing ratio]			

### Hardware

CPU: Intel Xeon (3.6 GHz, 2MB L2, 800MHz system bus)  
CPU MHz: 3600  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip(Hyper-Threading Technology disabled)  
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 73GB 10000RPM U320 SCSI HDD  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790)  
Compiler: Intel C++ Compiler 8.1 Build 20041019Z  
Microsoft Visual Studio .Net 2003(7.1.3091, for libraries)  
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
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -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 -O3 +FDO shlw32M.lib

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