



CINT2000 Result

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Acer Incorporated
Altos G310 Mk2 (3.6 GHz Intel Pentium 4)

SPECint2000 = 1746
SPECint_base2000 = 1744

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	116	1207	116	1207	[Bar chart showing ratio 1207]			
175.vpr	1400	116	1211	115	1222	[Bar chart showing ratio 1222]			
176.gcc	1100	53.8	2046	53.8	2046	[Bar chart showing ratio 2046]			
181.mcf	1800	90.9	1980	90.9	1980	[Bar chart showing ratio 1980]			
186.crafty	1000	74.5	1342	74.5	1342	[Bar chart showing ratio 1342]			
197.parser	1800	121	1491	121	1491	[Bar chart showing ratio 1491]			
252.eon	1300	57.8	2250	57.5	2260	[Bar chart showing ratio 2260]			
253.perlbnk	1800	84.3	2136	84.3	2135	[Bar chart showing ratio 2135]			
254.gap	1100	56.5	1947	56.5	1947	[Bar chart showing ratio 1947]			
255.vortex	1900	62.0	3063	62.0	3063	[Bar chart showing ratio 3063]			
256.bzip2	1500	116	1289	116	1296	[Bar chart showing ratio 1296]			
300.twolf	3000	166	1805	166	1804	[Bar chart showing ratio 1804]			

Hardware

CPU: Intel Pentium 4 (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
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: 4 x 1024MB ECC DDR2-533 SDRAM
Disk Subsystem: 1 x 80GB 7200RPM SATA 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.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
```



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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>