



CINT2000 Result

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Acer Incorporated

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

SPECint_rate2000 = 22.8

SPECint_rate_base2000 = 22.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	167	19.4	2	167	19.4
175.vpr	2	222	14.6	2	217	14.9
176.gcc	2	85.0	30.0	2	85.0	30.0
181.mcf	2	204	20.5	2	204	20.5
186.crafty	2	142	16.3	2	142	16.3
197.parser	2	191	21.8	2	191	21.8
252.eon	2	110	27.3	2	111	27.3
253.perlbnk	2	171	24.4	2	174	24.1
254.gap	2	97.8	26.1	2	97.8	26.1
255.vortex	2	124	35.7	2	124	35.7
256.bzip2	2	180	19.3	2	179	19.5
300.twolf	2	262	26.5	2	262	26.6

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 Enable)
 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.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 +FDO shlw32M.lib

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