



CINT2000 Result

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Acer Incorporated

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

SPECint_rate2000 = 42.4

SPECint_rate_base2000 = 42.3

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	4	170	38.3	4	170	38.3
175.vpr	4	239	27.1	4	235	27.7
176.gcc	4	88.3	57.8	4	88.3	57.8
181.mcf	4	353	23.7	4	353	23.7
186.crafty	4	142	32.7	4	142	32.7
197.parser	4	197	42.3	4	197	42.4
252.eon	4	110	54.7	4	110	54.6
253.perlbnk	4	171	48.9	4	172	48.6
254.gap	4	109	47.0	4	109	47.0
255.vortex	4	126	69.7	4	126	69.7
256.bzip2	4	193	36.0	4	193	36.1
300.twolf	4	262	53.2	4	263	53.0

Hardware

CPU: Intel Xeon (3.8 GHz, 2MB L2, 800MHz system bus)
CPU MHz: 3800
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 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>