



CINT2000 Result

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Acer Incorporated
Altos G710 (3.0 GHz Intel Xeon)

SPECint_rate2000 = 29.7
SPECint_rate_base2000 = 29.6

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Jun-2005 | Hardware Avail: May-2005 | Software Avail: Oct-2004

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	141	23.1	2	141	23.1
175.vpr	2	172	18.9	2	168	19.3
176.gcc	2	70.3	36.3	2	70.3	36.3
181.mcf	2	213	19.6	2	213	19.6
186.crafty	2	89.5	25.9	2	89.5	25.9
197.parser	2	158	26.5	2	158	26.5
252.eon	2	68.7	43.9	2	68.4	44.1
253.perlbnk	2	104	40.3	2	104	40.2
254.gap	2	74.5	34.3	2	74.5	34.3
255.vortex	2	86.1	51.2	2	86.1	51.2
256.bzip2	2	166	20.9	2	167	20.9
300.twolf	2	212	32.8	2	209	33.3

Hardware

CPU: Intel Xeon (3.0 GHz, 1MB L2, 800MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 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: 1024KB(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 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.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 -Qunroll1 +FDO
300.twolf: -fast -O3 +FDO shlw32M.lib
For PASS1_CFLAGS of 300.twolf -fast also implicitly calls out -O3
Product description located at <http://www.acer.com>