



CINT2000 Result

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Acer Incorporated
Acer Altos G540 (3.0 GHz Intel Xeon Processor 5160)

SPECint_rate2000 = 120
SPECint_rate_base2000 = 120

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Aug-2006 | Hardware Avail: Jun-2006 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	78.2	83.1	4	78.2	83.1
175.vpr	4	76.7	84.7	4	75.5	86.0
176.gcc	4	41.9	122	4	41.9	122
181.mcf	4	85.8	97.3	4	85.8	97.3
186.crafty	4	36.5	127	4	36.5	127
197.parser	4	83.3	100	4	83.0	101
252.eon	4	33.6	179	4	33.3	181
253.perlbnk	4	52.5	159	4	52.8	158
254.gap	4	45.5	112	4	45.5	112
255.vortex	4	45.8	193	4	45.8	193
256.bzip2	4	81.0	86.0	4	81.1	85.8
300.twolf	4	88.4	158	4	88.4	158

Hardware

CPU: Intel Xeon Processor 5160 (3.0 GHz, 4MB L2, 1333MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096KB(I+D) on chip (per chip), shared
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1024MB ECC FB-DIMM DDR2-667
Disk Subsystem: 1 x 73GB 10000RPM SAS HDD
Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1
Compiler: Intel C++ Compiler 9.1 Build 20060323Z 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 -Qansi_alias +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
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
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



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Notes/Tuning Information (Continued)

300.twolf: -fast +FDO shlw32M.lib