



CINT2000 Result

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Acer Incorporated

Altos G5350 (2.2GHz, Dual-Core AMD Opteron (TM) 275 , 2x1MB L2)

SPECint_rate2000 = 35.2

SPECint_rate_base2000 = 32.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	115	28.1	2	115	28.1
175.vpr	2	118	27.4	2	115	28.2
176.gcc	2	68.9	37.0	2	67.6	37.8
181.mcf	2	216	19.3	2	174	24.0
186.crafty	2	69.6	33.3	2	63.7	36.4
197.parser	2	130	32.0	2	130	32.1
252.eon	2	70.2	42.9	2	54.0	55.8
253.perlbnk	2	122	34.1	2	122	34.1
254.gap	2	73.6	34.7	2	73.6	34.7
255.vortex	2	82.8	53.2	2	77.3	57.0
256.bzip2	2	133	26.2	2	127	27.4
300.twolf	2	198	35.1	2	170	41.0

Hardware

CPU: AMD Opteron (TM) 275
 CPU MHz: 2200
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 64KBI + 64KBD on chip, per core
 Secondary Cache: 1024KB (I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 1024MB, DDR400 CL3 ECC
 Disk Subsystem: 1 x 36GB 10000RPM U320 SCSI HDD
 Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
 Compiler: Intel C++ 8.0 build 20031017Z for IA32
 Microsoft Visual Studio .Net 2003 (7.1.3091) (libraries)
 MicroQuill SmartHeap Library 7.4
 File System: NTFS
 System State: default

Notes/Tuning Information

shlw32M.lib is the SmartHeap library V7.4 from MicroQuill www.microquill.com

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Portability:

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

Baseline C: -fast -arch:SSE2 -Oi- +FDO

Baseline C++: -fast -arch:SSE2 -GX -GR

Peak Tuning:

164.gzip: basepeak=yes

175.vpr: -fast -arch:SSE2 +FDO

-Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500

176.gcc: -fast -arch:SSE2 +FDO -Oi- -Qunroll3

181.mcf: -fast -QaxN +FDO

186.crafty: -fast -arch:SSE2 +FDO

197.parser: -arch:SSE2 +FDO -Oi- -Qipo

252.eon: -fast -arch:SSE2 +FDO -Qansi_alias

-Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500

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<http://www.spec.org>



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Notes/Tuning Information (Continued)

```
253.perlbnk: basepeak=yes
254.gap:      basepeak=yes
255.vortex:   -fast -arch:SSE +FDO -Oi- shlw32M.lib
              -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
256.bzip2:   -fast -Qunroll2
300.twolf:   -fast -arch:SSE2 +FDO -Qunroll3 shlw32M.lib -Qansi_alias
```