CINT2000 Result

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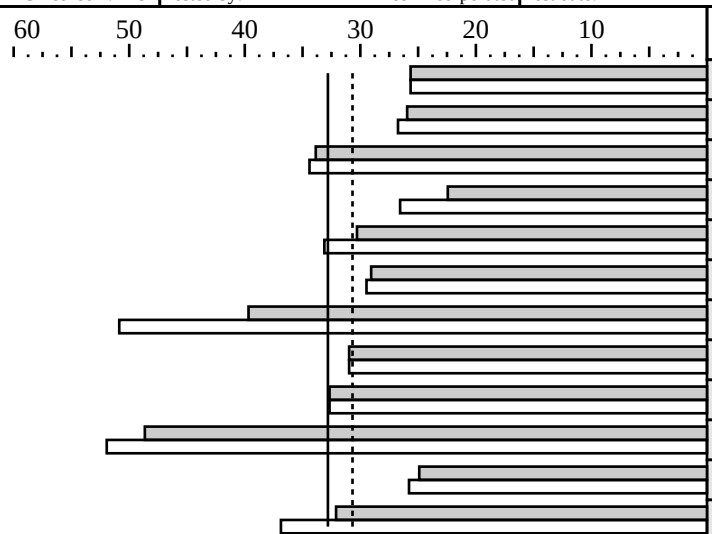
Acer Incorporated
Altos G5350 (AMD Opteron (TM) 246)

SPECint_rate2000 = 32.8

SPECint_rate_base2000 = 30.7

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	127	25.7	2	127	25.7
175.vpr	2	125	25.9	2	121	26.7
176.gcc	2	75.4	33.9	2	74.2	34.4
181.mcf	2	186	22.4	2	157	26.6
186.crafty	2	76.6	30.3	2	70.1	33.1
197.parser	2	144	29.1	2	142	29.5
252.eon	2	76.0	39.7	2	59.3	50.9
253.perlbmk	2	135	31.0	2	135	31.0
254.gap	2	78.1	32.7	2	78.1	32.7
255.vortex	2	90.6	48.6	2	84.9	51.9
256.bzip2	2	140	24.9	2	135	25.8
300.twolf	2	217	32.1	2	189	36.9

Hardware

CPU:	AMD Opteron (TM) 246
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	64KBI + 64KBD on chip
Secondary Cache:	1024KB (I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 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.perlbmk:  -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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Notes/Tuning Information (Continued)

```
253.perlbmk:  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
```