CINT2000 Result

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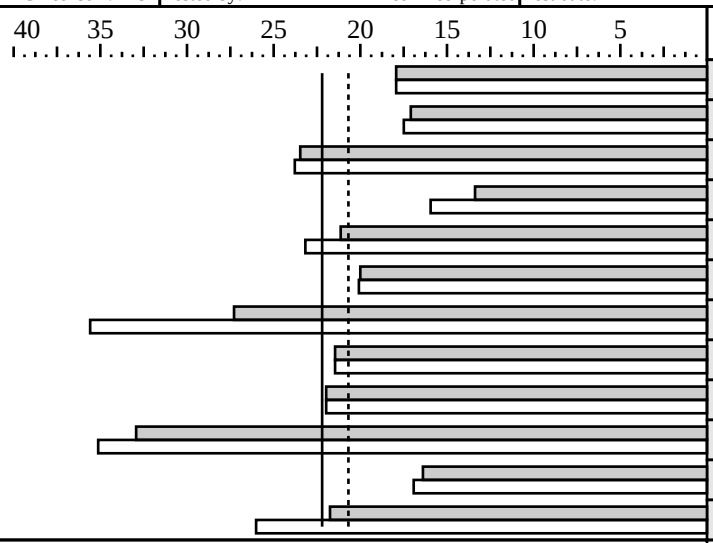
Acer Incorporated
Altos G5350 (AMD Opteron (TM) 254)

SPECint_rate2000 = 22.2

SPECint_rate_base2000 = 20.7

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	1	90.6	17.9	1	90.6	17.9
175.vpr	1	95.0	17.1	1	92.8	17.5
176.gcc	1	54.4	23.5	1	53.7	23.8
181.mcf	1	156	13.4	1	131	15.9
186.crafty	1	54.9	21.1	1	50.1	23.2
197.parser	1	104	20.0	1	104	20.1
252.eon	1	55.3	27.3	1	42.4	35.6
253.perlbmk	1	97.3	21.5	1	97.3	21.5
254.gap	1	58.1	22.0	1	58.1	22.0
255.vortex	1	66.9	32.9	1	62.8	35.1
256.bzip2	1	106	16.4	1	103	16.9
300.twolf	1	160	21.8	1	134	26.0

Hardware

CPU:	AMD Opteron (TM) 254
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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:	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.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
```