CINT2000 Result

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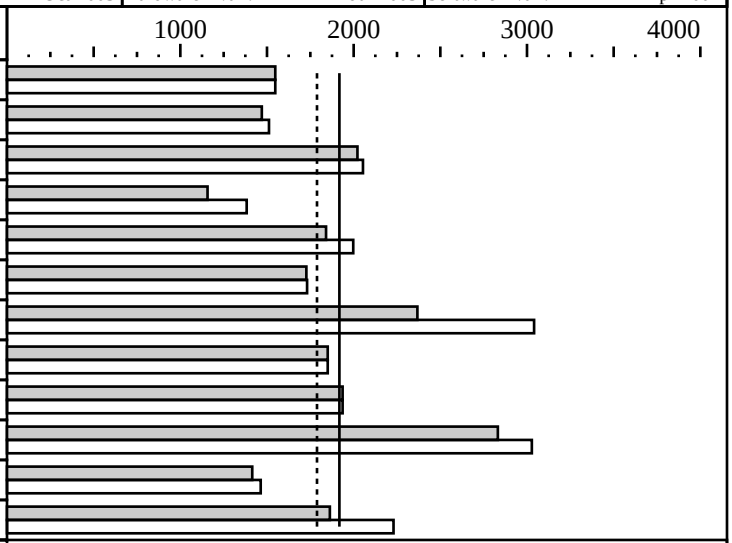
Acer Incorporated
Altos G5350 (AMD Opteron (TM) 254)

SPECint2000 = 1918

SPECint_base2000 = 1788

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	90.5	1548	90.5	1548
175.vpr	1400	95.2	1470	92.6	1511
176.gcc	1100	54.4	2022	53.6	2054
181.mcf	1800	156	1157	130	1383
186.crafty	1000	54.3	1841	50.1	1998
197.parser	1800	104	1727	104	1731
252.eon	1300	54.9	2368	42.8	3041
253.perlbmk	1800	97.3	1850	97.3	1850
254.gap	1100	56.8	1936	56.8	1936
255.vortex	1900	67.1	2832	62.8	3028
256.bzip2	1500	106	1415	102	1464
300.twolf	3000	161	1863	135	2230



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
```