CINT2000 Result

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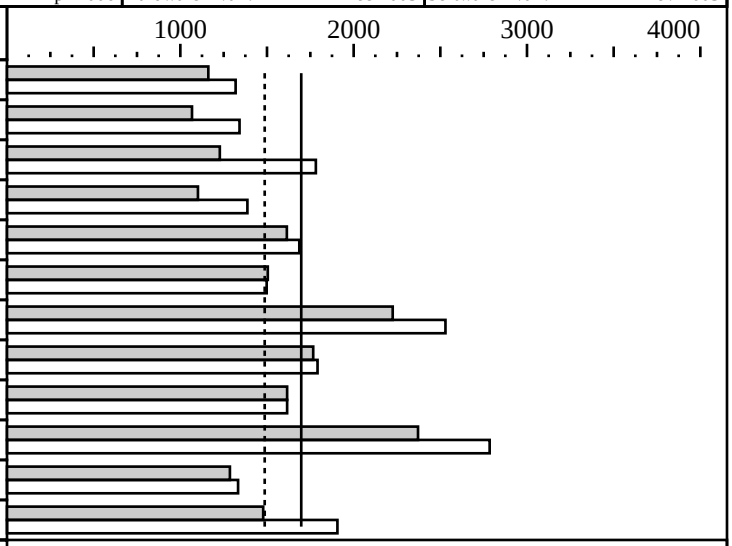
Acer Incorporated
Altos G5350 (AMD Opteron (TM) 250)

SPECint2000 = 1698

SPECint_base2000 = 1487

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Apr-2006 | Hardware Avail: Dec-2005 | Software Avail: Nov-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	121	1162	106	1319
175.vpr	1400	131	1067	104	1342
176.gcc	1100	89.6	1228	61.7	1782
181.mcf	1800	163	1102	130	1387
186.crafty	1000	61.9	1615	59.3	1686
197.parser	1800	120	1505	120	1498
252.eon	1300	58.4	2225	51.4	2530
253.perlbmk	1800	102	1767	100	1792
254.gap	1100	68.1	1616	68.1	1616
255.vortex	1900	80.1	2371	68.2	2785
256.bzip2	1500	117	1286	113	1333
300.twolf	3000	203	1478	157	1906



Hardware

CPU:	AMD Opteron (TM) 250
CPU MHz:	2400
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, 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++ 9.0 build 20051130Z 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
  253.perlbmk:  -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:      -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Baseline C:   -O3 -Qipo -Op +FDO
Baseline C++: -O3 -Qipo -Qcxx-features +FDO
Peak Tuning:
 164.gzip:     -O3 -Qipo -QxW +FDO
 175.vpr:      -O3 -Qipo -QxW +FDO
               -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
 176.gcc:      -O3 -Qipo -QxW -Oi- -Qunroll3 +FDO
 181.mcf:      -O3 -Qipo -QaxN      +FDO
 186.crafty:   -O3 -Qipo -QxW +FDO
 197.parser:         -QxW +FDO -Oi- -Qipo
 252.eon:      -O3 -Qipo -QxW +FDO -Qansi_alias
              -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
 253.perlbmk:  -O3 -Qipo -QxW +FDO
```

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Notes/Tuning Information (Continued)

```
254.gap:      basepeak=yes
255.vortex:   -O3 -Qipo -arch:SSE  +FDO -Oi- shlW32M.lib
              -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
256.bzip2:    -O3 -Qipo               -Qunroll2
300.twolf:    -O3 -Qipo -QxW +FDO      -Qunroll3 shlW32M.lib -Qansi_alias
```