CINT2000 Result

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Acer Incorporated

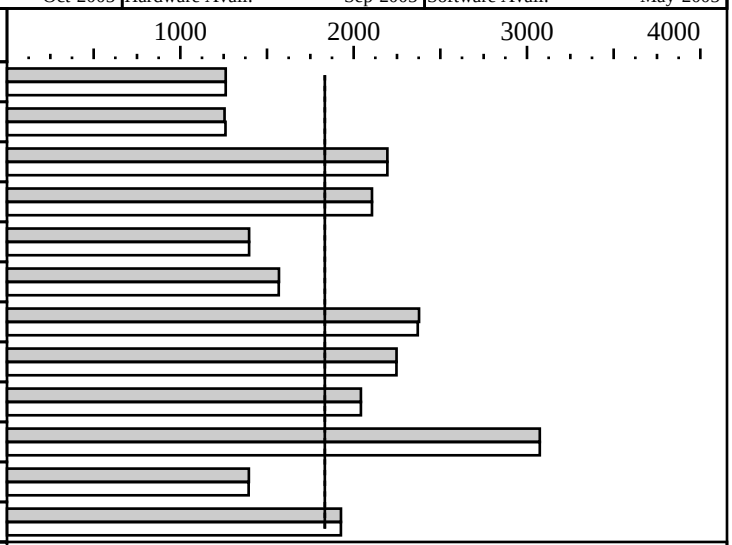
Acer Altos G320 (3.8 GHz Intel Pentium 4 670)

SPECint2000 = 1834

SPECint_base2000 = 1834

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Oct-2005 | Hardware Avail: Sep-2005 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	111	1262	111	1262
175.vpr	1400	112	1255	111	1261
176.gcc	1100	50.1	2195	50.1	2195
181.mcf	1800	85.5	2106	85.5	2106
186.crafty	1000	71.6	1397	71.6	1397
197.parser	1800	115	1569	115	1568
252.eon	1300	54.7	2377	54.9	2370
253.perlbmk	1800	80.1	2247	80.1	2247
254.gap	1100	53.9	2042	53.9	2042
255.vortex	1900	61.8	3074	61.8	3074
256.bzip2	1500	108	1395	108	1394
300.twolf	3000	156	1927	156	1926



Hardware

CPU:	Intel Pentium 4 670 (3.8 GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip(Hyper-Threading Technology Disable)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12KB(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1024MB ECC DDR2-667 SDRAM
Disk Subsystem:	1 x 36GB 10000RPM U320 SCSI HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
Compiler:	Intel C++ Compiler 9.0 Build 20050430Z for IA32 Microsoft Visual Studio .Net 2003(7.1.3091, for libraries) shlW32M.lib is SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -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
Peak tuning:
164.gzip:     basepeak=yes
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   basepeak=yes
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M.lib

Product description located at http://www.acer.com
```