



CINT2000 Result

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Acer Incorporated

Acer Altos G320 (3.8 GHz Intel Pentium 4 670, 2MB L2)

SPECint_rate2000 = 23.6

SPECint_rate_base2000 = 23.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	167	19.5	2	167	19.5
175.vpr	2	215	15.1	2	209	15.5
176.gcc	2	83.0	30.7	2	83.0	30.7
181.mcf	2	176	23.7	2	176	23.7
186.crafty	2	141	16.4	2	141	16.4
197.parser	2	189	22.1	2	188	22.2
252.eon	2	109	27.6	2	110	27.3
253.perlbnk	2	171	24.4	2	171	24.5
254.gap	2	93.8	27.2	2	93.8	27.2
255.vortex	2	121	36.4	2	121	36.4
256.bzip2	2	166	21.0	2	167	20.9
300.twolf	2	263	26.5	2	262	26.6

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 enabled)
 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 74GB 10000RPM SATA HDD
 Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
 Compiler: Intel C++ Compiler 9.0 Build 20051130Z for IA32
 Microsoft Visual Studio .Net 2003(7.1.3091, for libraries)
 shlw32M.lib is Microquill SmartHeap Library Version 7.4
 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.crafty: -DNT_i386
253.perlbnk: -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.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



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Notes/Tuning Information (Continued)

300.twolf: -fast +FDO shlw32M.lib

Product description located at <http://www.acer.com>