



CINT2000 Result

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Acer Incorporated
Acer Altos G320 (3.6 GHz Intel Pentium D 960)

SPECint_rate2000 = 40.6
SPECint_rate_base2000 = 40.6

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Jul-2006 | Hardware Avail: Jun-2006 | Software Avail: Mar-2006

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip | 2 | 114 | 28.5 | 2 | 114 | 28.5 |
| 175.vpr | 2 | 117 | 27.7 | 2 | 116 | 27.9 |
| 176.gcc | 2 | 51.7 | 49.4 | 2 | 51.7 | 49.4 |
| 181.mcf | 2 | 100.0 | 41.8 | 2 | 100.0 | 41.8 |
| 186.crafty | 2 | 74.0 | 31.3 | 2 | 74.0 | 31.3 |
| 197.parser | 2 | 120 | 34.9 | 2 | 119 | 35.0 |
| 252.eon | 2 | 53.1 | 56.8 | 2 | 53.0 | 56.9 |
| 253.perlbnk | 2 | 84.4 | 49.5 | 2 | 84.6 | 49.4 |
| 254.gap | 2 | 57.3 | 44.5 | 2 | 57.3 | 44.5 |
| 255.vortex | 2 | 64.5 | 68.3 | 2 | 64.5 | 68.3 |
| 256.bzip2 | 2 | 114 | 30.6 | 2 | 114 | 30.6 |
| 300.twolf | 2 | 162 | 42.8 | 2 | 162 | 42.8 |

Hardware

CPU: Intel Pentium D 960 (3.6 GHz, 2x2MB L2, 800MHz system bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K micro-ops I + 16KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 1024MB ECC DDR2-667 SDRAM
Disk Subsystem: 1 x 73GB 10000RPM SATA HDD
Other Hardware:

Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition SP1 (Build 3790)
Compiler: Intel C++ Compiler 9.1 Build 20060323Z 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.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