



CINT2000 Result

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Acer Incorporated
Altos G320 (2.8 GHz Intel Pentium D 820)

SPECint_rate2000 = 29.0
SPECint_rate_base2000 = 29.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	150	21.6	2	150	21.6
175.vpr	2	175	18.6	2	173	18.8
176.gcc	2	71.3	35.8	2	71.3	35.8
181.mcf	2	181	23.1	2	181	23.1
186.crafty	2	96.8	24.0	2	96.8	24.0
197.parser	2	164	25.5	2	164	25.5
252.eon	2	73.9	40.8	2	74.1	40.7
253.perlbnk	2	109	38.2	2	109	38.2
254.gap	2	75.2	33.9	2	75.2	33.9
255.vortex	2	88.4	49.9	2	88.4	49.9
256.bzip2	2	164	21.2	2	166	21.0
300.twolf	2	221	31.5	2	221	31.5

Hardware

CPU: Intel Pentium D (2.8 GHz, 2x1MB L2, 800MHz system bus)
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12KB(I) micro-ops + 16KB(D) 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 ECC DDR2-667 Unbuffered 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.crafty: -DNT_i386
252.eon: Approved stdcpp src.alt used
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
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Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO
300.twolf: -fast -O3 +FDO sh1W32M.lib
Product description located at <http://www.acer.com>