CINT2000 Result

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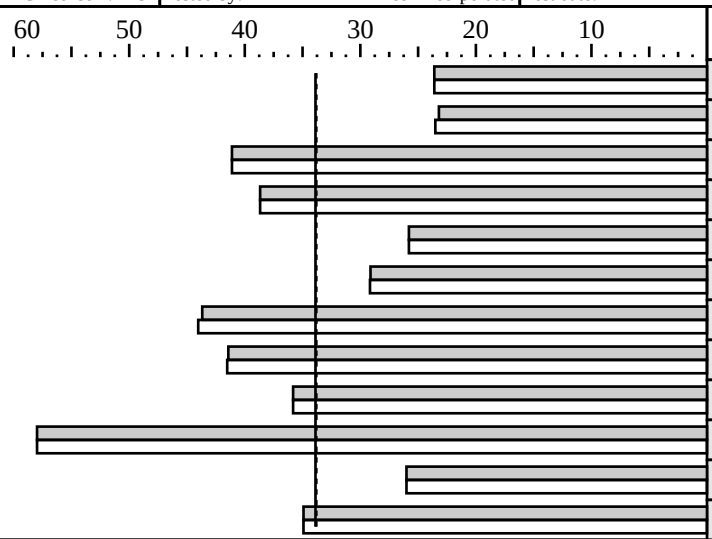
Acer Incorporated

Acer Altos G320 (3.0 GHz Intel Pentium D 930)

SPECint_rate2000 = 33.9

SPECint_rate_base2000 = 33.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	138	23.6	2	138	23.6
175.vpr	2	140	23.2	2	138	23.5
176.gcc	2	62.1	41.1	2	62.1	41.1
181.mcf	2	108	38.7	2	108	38.7
186.crafty	2	89.9	25.8	2	89.9	25.8
197.parser	2	143	29.1	2	143	29.2
252.eon	2	69.0	43.7	2	68.5	44.0
253.perlbmk	2	101	41.4	2	101	41.5
254.gap	2	71.3	35.8	2	71.3	35.8
255.vortex	2	76.0	58.0	2	76.0	58.0
256.bzip2	2	134	26.0	2	134	26.0
300.twolf	2	199	34.9	2	199	34.9

Hardware

CPU:	Intel Pentium D 930 (3.0 GHz, 2x2MB L2, 800MHz system bus)
CPU MHz:	3000
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:	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 (Build 3790), Service Pack 1
Compiler:	Intel C++ Compiler 9.0 Build 20051130Z 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
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
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf:    -fast  +FDO shlW32M.lib
Enable hardware prefetching and adjacent cache line prefetch BIOS setting
Product description located at http://www.acer.com
```