



CINT2000 Result

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Acer Incorporated

Acer Altos G320 (3.0 GHz Intel Pentium 4 630, 2MB L2)

SPECint_rate2000 = 19.2

SPECint_rate_base2000 = 19.1

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	210	15.5	2	210	15.5
175.vpr	2	265	12.3	2	258	12.6
176.gcc	2	102	24.9	2	102	24.9
181.mcf	2	196	21.3	2	196	21.3
186.crafty	2	173	13.4	2	173	13.4
197.parser	2	235	17.7	2	233	17.9
252.eon	2	139	21.7	2	139	21.6
253.perlbnk	2	214	19.5	2	214	19.5
254.gap	2	115	22.1	2	115	22.1
255.vortex	2	149	29.5	2	149	29.5
256.bzip2	2	204	17.1	2	204	17.1
300.twolf	2	330	21.1	2	332	21.0

Hardware

CPU: Intel Pentium 4 630 (3.0 GHz, 2MB L2, 800MHz system bus)
CPU MHz: 3000
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>