



CINT2000 Result

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Acer Incorporated
Acer Altos R910 (3.16 GHz Intel Xeon MP)

SPECint_rate2000 = 53.6
SPECint_rate_base2000 = 53.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	138	47.1	4	138	47.1
175.vpr	4	211	30.8	4	206	31.6
176.gcc	4	78.2	65.2	4	78.2	65.2
181.mcf	4	377	22.2	4	377	22.2
186.crafty	4	86.1	53.9	4	86.1	53.9
197.parser	4	167	50.1	4	166	50.2
252.eon	4	65.0	92.7	4	64.6	93.4
253.perlbnk	4	103	81.0	4	103	81.3
254.gap	4	86.3	59.1	4	86.3	59.1
255.vortex	4	97.6	90.3	4	97.6	90.3
256.bzip2	4	201	34.6	4	201	34.6
300.twolf	4	203	68.5	4	203	68.5

Hardware

CPU: Intel Xeon MP (3.16 GHz, 1MB L2, 667MHz system bus)
CPU MHz: 3160
FPU: Integrated
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2,3,4
Parallel: No
Primary Cache: 12K micro-ops I + 16KB(D) on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 16 x 1024MB ECC DDR2-400 SDRAM
Disk Subsystem: 1 x 73GB 10000RPM U320 SCSI 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.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