



CINT2000 Result

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

SPECint_rate2000 = 30.4
SPECint_rate_base2000 = 30.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	207	31.4	4	207	31.4
175.vpr	4	391	16.6	4	387	16.8
176.gcc	4	150	33.9	4	150	33.9
181.mcf	4	478	17.5	4	478	17.5
186.crafty	4	167	27.8	4	167	27.8
197.parser	4	270	31.0	4	269	31.1
252.eon	4	111	54.1	4	111	54.3
253.perlbnk	4	208	40.2	4	207	40.3
254.gap	4	132	38.6	4	132	38.6
255.vortex	4	173	50.9	4	173	50.9
256.bzip2	4	313	22.2	4	314	22.1
300.twolf	4	579	24.0	4	579	24.1

Hardware

CPU: Intel Xeon MP (3.16 GHz, 1MB L2, 667MHz system bus)
CPU MHz: 3160
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
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 9.1 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