



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Acer Incorporated
Altos R710 (3.6 GHz Intel Xeon)

SPECint_rate2000 = 38.6

SPECint_rate_base2000 = 38.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	118	27.5	2	118	27.5
175.vpr	2	122	26.7	2	121	26.9
176.gcc	2	55.5	46.0	2	55.5	46.0
181.mcf	2	114	36.7	2	114	36.7
186.crafty	2	74.6	31.1	2	74.6	31.1
197.parser	2	124	33.8	2	124	33.8
252.eon	2	57.9	52.1	2	57.7	52.3
253.perlbnk	2	85.6	48.8	2	85.6	48.8
254.gap	2	64.2	39.7	2	64.2	39.7
255.vortex	2	64.7	68.1	2	64.7	68.1
256.bzip2	2	121	28.8	2	120	28.9
300.twolf	2	167	41.8	2	167	41.8

Hardware

CPU: Intel Xeon (3.6 GHz, 2MB L2, 800MHz system bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip(Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 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: 6 x 512MB ECC DDR2-400 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 8.1 Build 20041019Z
 Microsoft Visual Studio .Net 2003(7.1.3091, for libraries)
 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
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
```



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Acer Incorporated
Altos R710 (3.6 GHz Intel Xeon)

SPECint_rate2000 = 38.6

SPECint_rate_base2000 = 38.5

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

Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO
300.twolf: -fast -O3 +FDO shlw32M.lib
Enable hardware prefetching and adjacent cache line prefetch BIOS setting
Product description located at <http://www.acer.com>