



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Acer Incorporated
Altos R710 (3.0 GHz Intel Xeon)

SPECint2000 = 1454
SPECint_base2000 = 1451

SPEC license #: 97 Tested by: Acer Incorporated Test date: May-2005 Hardware Avail: May-2005 Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	139	1006	139	1006	[Bar chart showing ratio 1006]			
175.vpr	1400	138	1012	136	1026	[Bar chart showing ratio 1026]			
176.gcc	1100	64.2	1715	64.2	1715	[Bar chart showing ratio 1715]			
181.mcf	1800	105	1716	105	1716	[Bar chart showing ratio 1716]			
186.crafty	1000	89.6	1116	89.6	1116	[Bar chart showing ratio 1116]			
197.parser	1800	145	1238	145	1238	[Bar chart showing ratio 1238]			
252.eon	1300	69.3	1877	69.1	1881	[Bar chart showing ratio 1881]			
253.perlbmk	1800	103	1754	102	1757	[Bar chart showing ratio 1757]			
254.gap	1100	67.4	1631	67.4	1631	[Bar chart showing ratio 1631]			
255.vortex	1900	78.3	2427	78.3	2427	[Bar chart showing ratio 2427]			
256.bzip2	1500	139	1077	138	1083	[Bar chart showing ratio 1083]			
300.twolf	3000	200	1498	200	1498	[Bar chart showing ratio 1498]			

Hardware

CPU: Intel Xeon (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 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 73GB 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.crafy: -DNT_i386
252.eon: Approved stdcpp src.alt used
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
```



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Acer Incorporated
Altos R710 (3.0 GHz Intel Xeon)

SPECint2000 =	1454
SPECint_base2000 =	1451

SPEC license #:	97	Tested by:	Acer Incorporated	Test date:	May-2005	Hardware Avail:	May-2005	Software Avail:	Oct-2004
-----------------	----	------------	-------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll1 +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>