CINT2000 Result

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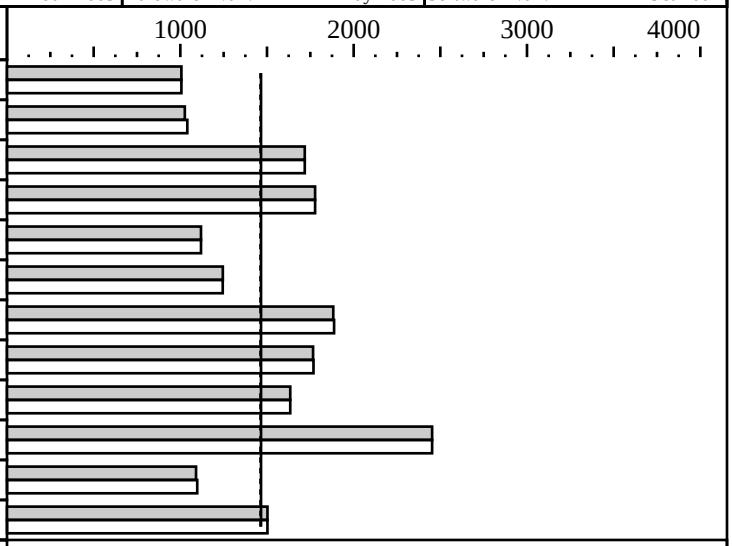
Acer Incorporated
Altos G710 (3.0 GHz Intel Xeon)

SPECint2000 = 1466

SPECint_base2000 = 1463

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	139	1006	139	1006
175.vpr	1400	136	1026	135	1040
176.gcc	1100	64.0	1718	64.0	1718
181.mcf	1800	101	1777	101	1777
186.crafty	1000	89.3	1119	89.3	1119
197.parser	1800	145	1245	145	1245
252.eon	1300	69.1	1882	68.9	1887
253.perlbmk	1800	102	1766	102	1768
254.gap	1100	67.3	1634	67.3	1634
255.vortex	1900	77.5	2453	77.5	2453
256.bzip2	1500	138	1091	137	1098
300.twolf	3000	200	1503	200	1503



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:	8 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.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
```

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Notes/Tuning Information (Continued)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M.lib
For PASS1_CFLAGS of 300.twolf -fast also implicitly calls out -O3
Product description located at http://www.acer.com
```