CINT2000 Result

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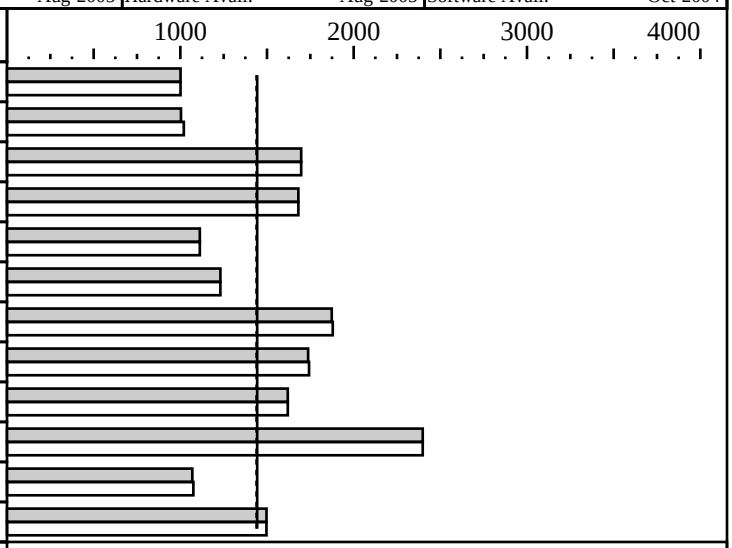
Acer Incorporated
Altos G530 (3.0 GHz Intel Xeon)

SPECint2000 = 1443

SPECint_base2000 = 1440

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	140	1001	140	1001
175.vpr	1400	139	1004	137	1020
176.gcc	1100	64.8	1697	64.8	1697
181.mcf	1800	107	1681	107	1681
186.crafty	1000	89.9	1112	89.9	1112
197.parser	1800	146	1231	146	1231
252.eon	1300	69.4	1873	69.2	1879
253.perlbmk	1800	104	1737	103	1743
254.gap	1100	67.9	1620	67.9	1620
255.vortex	1900	79.2	2398	79.2	2398
256.bzip2	1500	140	1069	140	1075
300.twolf	3000	200	1497	200	1497



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:	4 x 1024MB ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 146GB 10000RPM U320 SCSI HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790) SP1
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
Enable hardware prefetching and adjacent cache line prefetch BIOS setting
```