CINT2000 Result

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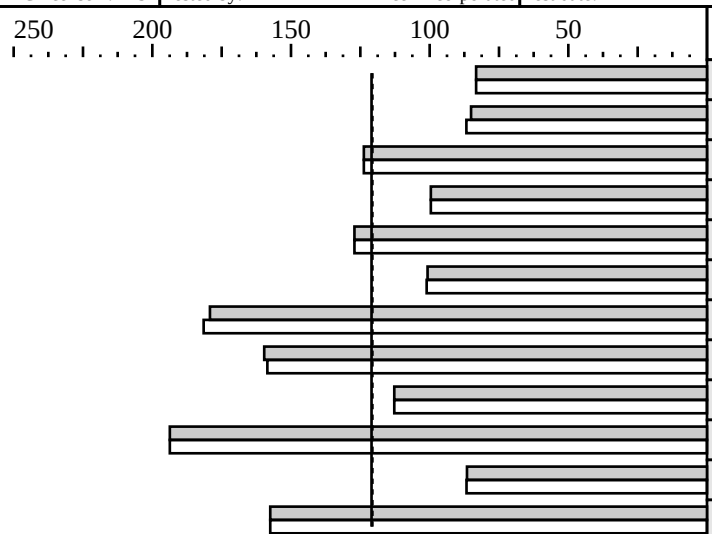
Acer Incorporated

Acer Altos R520 (3.0 GHz Intel Xeon Processor 5160)

SPECint_rate2000 = 121

SPECint_rate_base2000 = 121

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	78.0	83.2	4	78.0	83.2
175.vpr	4	76.4	85.1	4	74.9	86.8
176.gcc	4	41.3	124	4	41.3	124
181.mcf	4	83.9	99.6	4	83.9	99.6
186.crafty	4	36.5	127	4	36.5	127
197.parser	4	82.9	101	4	82.6	101
252.eon	4	33.7	179	4	33.2	181
253.perlbmk	4	52.3	160	4	52.7	159
254.gap	4	45.3	113	4	45.3	113
255.vortex	4	45.5	194	4	45.5	194
256.bzip2	4	80.4	86.5	4	80.3	86.7
300.twolf	4	88.4	157	4	88.4	157

Hardware

CPU:	Intel Xeon Processor 5160 (3.0 GHz, 4MB L2, 1333MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip (per chip), shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 2048MB ECC FB-DIMM DDR2-667
Disk Subsystem:	1 x 73GB 10000RPM SAS 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.crafy: -DNT_i386
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
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf:    -fast  +FDO shlW32M.lib

This result was measured on the Acer Alto R720.
The Altos R520 and Altos R720 are electronically equivalent.
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