CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

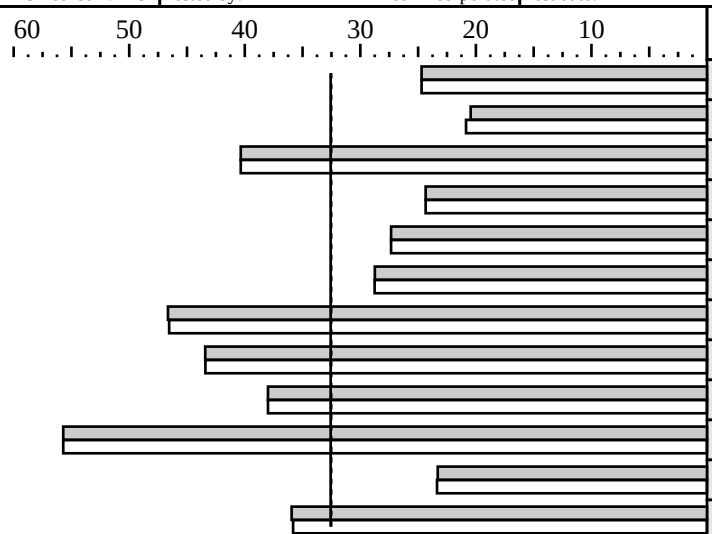
Acer Incorporated

Altos G320 (3.2 GHz Intel Pentium D 840)

SPECint_rate2000 = 32.6

SPECint_rate_base2000 = 32.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	132	24.7	2	132	24.7
175.vpr	2	159	20.5	2	156	20.9
176.gcc	2	63.3	40.3	2	63.3	40.3
181.mcf	2	172	24.3	2	172	24.3
186.crafty	2	84.9	27.3	2	84.9	27.3
197.parser	2	145	28.7	2	145	28.8
252.eon	2	64.7	46.6	2	64.8	46.5
253.perlbmk	2	96.2	43.4	2	96.2	43.4
254.gap	2	67.2	38.0	2	67.2	38.0
255.vortex	2	79.1	55.7	2	79.1	55.7
256.bzip2	2	149	23.3	2	149	23.4
300.twolf	2	194	35.9	2	194	35.8

Hardware

CPU:	Intel Pentium D (3.2 GHz, 2x1MB L2, 800MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12KB(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1024MB ECC DDR2-667 Unbuffered 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 9.0 Build 20050430Z 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
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M.lib
Product description located at http://www.acer.com
```