



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Acer Incorporated

Acer Altos R910 (3.4 GHz Intel Xeon Processor 7140M)

SPECint_rate2000 = 163

SPECint_rate_base2000 = 162

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

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip | 16 | 198 | 131 | 16 | 198 | 131 |
| 175.vpr | 16 | 236 | 110 | 16 | 233 | 112 |
| 176.gcc | 16 | 97.3 | 210 | 16 | 97.3 | 210 |
| 181.mcf | 16 | 199 | 168 | 16 | 199 | 168 |
| 186.crafty | 16 | 162 | 115 | 16 | 162 | 115 |
| 197.parser | 16 | 207 | 162 | 16 | 205 | 163 |
| 252.eon | 16 | 106 | 229 | 16 | 105 | 230 |
| 253.perlbnk | 16 | 188 | 177 | 16 | 188 | 178 |
| 254.gap | 16 | 158 | 129 | 16 | 158 | 129 |
| 255.vortex | 16 | 138 | 256 | 16 | 138 | 256 |
| 256.bzip2 | 16 | 179 | 156 | 16 | 179 | 156 |
| 300.twolf | 16 | 331 | 168 | 16 | 329 | 169 |

Hardware

CPU: Intel Xeon Processor 7140M (3.4 GHz, 16MB L3, 800MHz system bus)
CPU MHz: 3400
FPU: Integrated
CPU(s) enabled: 8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1,2,3,4
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache: 1024KB(I+D) on chip, per core
L3 Cache: 16MB on chip, per chip
Other Cache: N/A
Memory: 16 x 1024MB ECC DDR2-400 SDRAM
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 -Qansi_alias +FDO shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
253.perlbnk: -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.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Acer Incorporated
Acer Altos R910 (3.4 GHz Intel Xeon Processor 7140M)

SPECint_rate2000 = 163
SPECint_rate_base2000 = 162

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

Notes/Tuning Information (Continued)

300.twolf: -fast +FDO shlw32M.lib