



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

IBM Corporation
IBM x335(3.2GHz, 533MHZ FSB)

SPECint_rate2000 = 18.6

SPECint_rate_base2000 = 18.0

SPEC license #: 11 | Tested by: IBM, Research Triangle Park, NC | Test date: Feb-2004 | Hardware Avail: Feb-2004 | Software Avail: Jun-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	177	18.3	2	178	18.3
175.vpr	2	266	12.2	2	266	12.2
176.gcc	2	108	23.7	2	107	23.8
181.mcf	2	299	14.0	2	298	14.0
186.crafy	2	152	15.2	2	149	15.6
197.parser	2	242	17.3	2	242	17.3
252.eon	2	141	21.5	2	127	23.8
253.perlbnk	2	264	15.8	2	259	16.1
254.gap	2	121	21.1	2	121	21.1
255.vortex	2	162	27.2	2	162	27.2
256.bzip2	2	216	16.1	2	209	16.6
300.twolf	2	371	18.7	2	301	23.1

Hardware

CPU: Intel Xeon processor
 CPU MHz: 3200
 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: 12k(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 2048(I+D) on chip
 Other Cache: N/A
 Memory: 4x256MB PC2100 CL2.5 ECC
 Disk Subsystem: 1 x 36GB 10K RPM SCSI
 Other Hardware: None

Software

Operating System: Windows Server 2003, Standard Edition (Build 3790)
 Compiler: Intel C++ Compiler 8.0 Build 20031017Z
 Microsoft Visual C++ .Net 2002 (for libraries)
 SmartHeap Library Version 6.02 from <http://www.microquill.com/>
 File System: NTFS
 System State: Default (Hyper-Threading Technology is disabled)

Notes/Tuning Information

Portability flags:
 176.gcc: -Dalloca=_alloca /F10000000
 186.crafy: -DNT_i386
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
 ONESTEP=yes +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
 Base tuning for C programs: -QxN -Qipo -O3 +FDO
 Base tuning for C++ programs: -QxN -Qipo -GX -GR
 Peak tuning:
 164.gzip: -QxN -Qipo -Oa -O3 +FDO
 175.vpr: -QxN -Qipo -O3 +FDO
 176.gcc: -QxN -Qipo -O3 +FDO
 181.mcf: -QxN -Qipo -O3 +FDO
 186.crafy: basepeak=yes
 197.parser: -QxN -Qipo -O3 +FDO
 252.eon: -QxN -Qipo -O3 +FDO
 253.perlbnk: -QxN -Qipo -O3 +FDO shlw32M.lib
 254.gap: basepeak=yes
 255.vortex: basepeak=yes
 256.bzip2: -Qipo -Oa -Qunroll1 +FDO



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

IBM Corporation
IBM x335(3.2GHz, 533MHZ FSB)

SPECint_rate2000 = 18.6

SPECint_rate_base2000 = 18.0

SPEC license #: 11 | Tested by: IBM, Research Triangle Park, NC | Test date: Feb-2004 | Hardware Avail: Feb-2004 | Software Avail: Jun-2003

Notes/Tuning Information (Continued)

300.twolf: -QxN -Qipo -O3 +FDO shlw32M.lib
Extra libraries:
shlw32M.lib MicroQuill SmartHeap Library 6.02, "www.microquill.com"