



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices

MSI K8 Neo (MS-6702) Motherboard, AMD Athlon (TM) 64 3200+

SPECint2000 = 1335

SPECint_base2000 = 1266

SPEC license #: 49 Tested by: AMD, Austin, TX Test date: Sep-2003 Hardware Avail: Sep-2003 Software Avail: Feb-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	129	1084	125	1117	
175.vpr	1400	127	1102	127	1102	
176.gcc	1100	89.1	1234	75.3	1460	
181.mcf	1800	198	911	198	911	
186.crafty	1000	73.0	1370	73.0	1370	
197.parser	1800	145	1241	145	1243	
252.eon	1300	89.9	1445	76.3	1705	
253.perlbnk	1800	135	1336	124	1448	
254.gap	1100	79.4	1385	79.4	1385	
255.vortex	1900	94.7	2007	94.7	2007	
256.bzip2	1500	139	1077	131	1142	
300.twolf	3000	234	1282	204	1468	

Hardware

CPU: AMD Athlon (TM) 64 ADA3200AEP5AP
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 64KBI + 64KBD on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2x512MB PC3200 DDR SDRAM CL2.0
 Disk Subsystem: Western Digital WD360GD, SATA, 10k rpm
 Other Hardware: None

Software

Operating System: Microsoft Windows XP Professional Service Pack 1.0a
 Compiler: Intel C/C++ 7.0 build 20021212Z
 Microsoft Visual Studio .NET 7.0.9466 (for libraries)
 MicroQuill Smartheap Library 6.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

shlw32M6.lib is the SmartHeap library V6.0 from MicroQuill www.microquill.com

+FD0: PASS1=-Qprof_gen PASS2=-Qprof_use

Portability:

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

Baseline C: +FD0 -O3 -QxW -Qipo

Baseline C++: +FD0 -Qipo -GX -GR

Peak tuning:

164.gzip: +FD0 -O3 -QaxK -Qipo -Oi-

175.vpr: +FD0 -O3 -QxW -Qipo

176.gcc: +FD0 -O3 -QxK -Qipo -Oi-

181.mcf: +FD0 -Qipo -Oa

186.crafty: +FD0 -O3 -QxW -Qipo

197.parser: +FD0 -O3 -QxW -Qipo -Oa

252.eon: +FD0 -O3 -QaxW -Qipo -Zp4

253.perlbnk: +FD0 -O3 -Qipo -Oa shlw32M6.lib

254.gap: +FD0 -O3 -QxW -Qipo

255.vortex: basepeak=1

Standard Performance Evaluation Corporation

info@spec.org

<http://www.spec.org>



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices

MSI K8 Neo (MS-6702) Motherboard, AMD Athlon (TM) 64 3200+

SPECint2000 = 1335

SPECint_base2000 = 1266

SPEC license #: 49 | Tested by: AMD, Austin, TX | Test date: Sep-2003 | Hardware Avail: Sep-2003 | Software Avail: Feb-2003

Notes/Tuning Information (Continued)

256.bzip2: +FD0 -Qipo -Oa -Qunroll1
300.twolf: +FD0 -Qxi -Qipo shlw32M6.lib

ONESTEP is used for all base and peak runs

The tested system can be assembled using an ATX case such as the Antec KS-282, a 460W power supply such as an Antec True 460, and a PCI or AGP video card. BIOS set to "turbo mode"