



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices

Tyan Thunder K7 Motherboard, 1.2GHz Athlon MP Processor

SPECint_rate2000 = 11.1

SPECint_rate_base2000 = 10.8

SPEC license #: 49 | Tested by: AMD | Test date: May-2001 | Hardware Avail: Jun-2001 | Software Avail: Nov-2000

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	233	14.0	2	246	13.2
175.vpr	2	481	6.76	2	448	7.25
176.gcc	2	352	7.25	2	316	8.07
181.mcf	2	908	4.60	2	912	4.58
186.crafty	2	152	15.3	2	146	15.9
197.parser	2	440	9.49	2	442	9.45
252.eon	2	155	19.5	2	124	24.2
253.perlbnk	2	243	17.2	2	246	17.0
254.gap	2	205	12.4	2	206	12.4
255.vortex	2	260	16.9	2	266	16.6
256.bzip2	2	398	8.74	2	385	9.05
300.twolf	2	805	8.64	2	798	8.72

Hardware

CPU: 1.2GHz AMD Athlon MP AHD1200AMS3C
CPU MHz: 1200
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
CPU(s) orderable: 1, 2
Parallel: No
Primary Cache: 64KBI + 64KBD on chip
Secondary Cache: 256KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 2x256MB PC2100 DDR SDRAM CL2 Registered
Disk Subsystem: IDE IBM Deskstar DTLA-307020
Other Hardware: None

Software

Operating System: Windows 2000 SP1
Compiler: Intel C/C++ 5.0 build 001120
Microsoft Visual Studio 6.0 (libraries)
MicroQuill Smartheap Library 5.0
File System: NTFS
System State: Default

Notes/Tuning Information

shlw32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com

+FDO: 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: -QxK -Qipo +FDO shlw32M.lib

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

Peak tuning:

164.gzip: -QxK -Qipo -Oi- +FDO

175.vpr: -Qxi -QaxK -Qwp_ipo +FDO

176.gcc: -QxiM -QaxK -Qipo -Oi- +FDO shlw32M.lib

181.mcf: -Qxi -QaxK -Qwp_ipo +FDO

186.crafty: -Qxi -Qwp_ipo +FDO

197.parser: -Qxi -QaxK -Qwp_ipo +FDO

252.eon: -QxiM -Qwp_ipo +FDO

253.perlbnk: -QxiM -Qwp_ipo +FDO shlw32M.lib

254.gap: -QaxK -Qwp_ipo +FDO shlw32M.lib

255.vortex: -QxiM -Qwp_ipo -Oa -Oi- +FDO shlw32M.lib



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices

Tyan Thunder K7 Motherboard, 1.2GHz Athlon MP Processor

SPECint_rate2000 = 11.1

SPECint_rate_base2000 = 10.8

SPEC license #: 49 | Tested by: AMD | Test date: May-2001 | Hardware Avail: Jun-2001 | Software Avail: Nov-2000

Notes/Tuning Information (Continued)

256.bzip2: -Qxi -QaxK -Oa -Qwp_ipo
300.twolf: -QxK -Qipo -Oa +FDO shlW32M.lib
ONESTEP is used for all base and peak runs

The tested system can be assembled using a case such as the Chenming 601 AE-F-O,
a 460W power supply such as the Delta Electronics Model DPS-465 AB A
The System bus runs at 266MHz