



CINT2000 Result

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Advanced Micro Devices

Tyan Thunder K7 Motherboard, AMD Athlon (TM) MP 1500+

SPECint_rate2000 = 6.43

SPECint_rate_base2000 = 6.20

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Sep-2001 | Hardware Avail: Oct-2001 | Software Avail: Jul-2001

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	211	7.69	1	208	7.79
175.vpr	1	437	3.72	1	407	3.99
176.gcc	1	292	4.37	1	244	5.24
181.mcf	1	808	2.58	1	804	2.60
186.crafty	1	128	9.03	1	128	9.03
197.parser	1	372	5.62	1	371	5.63
252.eon	1	122	12.4	1	110	13.7
253.perlbnk	1	224	9.33	1	224	9.32
254.gap	1	177	7.21	1	177	7.22
255.vortex	1	225	9.81	1	222	9.93
256.bzip2	1	355	4.90	1	340	5.12
300.twolf	1	714	4.87	1	701	4.96

Hardware

CPU: AMD Athlon (TM) MP 1500+
CPU MHz: 1333
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 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: 1x256MB PC2100 DDR SDRAM CL2 Registered
Disk Subsystem: IBM DPTA-372020
Other Hardware: None

Software

Operating System: Windows 2000 SP2
Compiler: Intel C/C++ 5.0.1 build 010525Z
Microsoft Visual Studio 6.0 SP5 (libraries)
MicroQuill SmartHeap Library 5.0
File System: FAT32
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: -O3 -QxK -Qwp_ipo -Oi- +FDO

175.vpr: -O3 -Qxi -QaxK -Qwp_ipo +FDO

176.gcc: -O3 -QxK -Qwp_ipo -Oi- +FDO shlW32M.lib

181.mcf: -O3 -Qxi -QaxK -Qwp_ipo +FDO

186.crafty: -O3 -QxK -Qwp_ipo -Oa +FDO shlW32M.lib

197.parser: -O3 -Qxi -QaxK -Qwp_ipo +FDO

252.eon: -O3 -QxiM -Qwp_ipo +FDO

253.perlbnk: -O3 -QxK -Qipo +FDO shlW32M.lib

254.gap: -O3 -QxK -Qipo -Oi- +FDO shlW32M.lib

255.vortex: -O3 -QxK -Qwp_ipo +FDO shlW32M.lib

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Notes/Tuning Information (Continued)

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256.bzip2:    -O3 -QxK -Oa -Qwp_ipo
300.twolf:    -O3 -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 DPS465 AB A
The System bus runs at 266MHz