CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

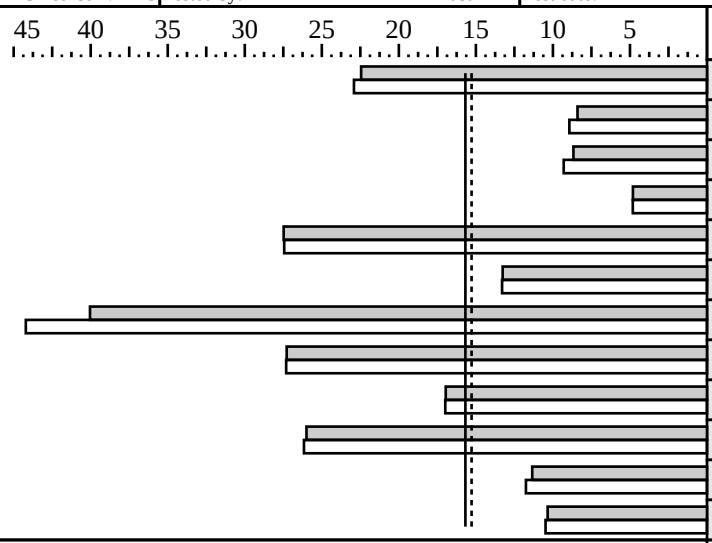
Advanced Micro Devices

MSI K7D Master Motherboard, AMD Athlon (TM) MP 2600+

SPECint_rate2000 = 15.7

SPECint_rate_base2000 = 15.3

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Jan-2002 | Hardware Avail: Jan-2003 | Software Avail: Sep-2002



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	145	22.4	2	142	22.9
175.vpr	2	386	8.40	2	364	8.93
176.gcc	2	294	8.67	2	274	9.30
181.mcf	2	869	4.81	2	867	4.82
186.crafty	2	84.4	27.5	2	84.5	27.4
197.parser	2	315	13.3	2	314	13.3
252.eon	2	75.3	40.0	2	68.2	44.2
253.perlbmk	2	153	27.3	2	153	27.3
254.gap	2	151	17.0	2	150	17.0
255.vortex	2	170	26.0	2	169	26.2
256.bzip2	2	307	11.3	2	296	11.8
300.twolf	2	673	10.3	2	664	10.5

Hardware

CPU:	AMD Athlon(TM) AMSN2600DKT3C
CPU MHz:	2133
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:	1x512MB PC2100 DDR SDRAM CL2
Disk Subsystem:	Seagate ST320414A
Other Hardware:	None

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C++ 5.0.1 build 020125Z Microsoft Visual Studio 6.0 SP5 (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.perlbmk:  -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- -Oa +FDO
175.vpr:      -O3 -Qxi -QaxK -Qwp_ipo +FDO
176.gcc:      -O3 -QxK -Qwp_ipo -Oi- +FDO shlW32M.lib
181.mcf:      -O3 -QxK -Qwp_ipo +FDO shlW32M.lib
186.crafty:   -O3 -QxK -Qwp_ipo -Oa +FDO shlW32M.lib
197.parser:   -O3 -QxK -Qwp_ipo +FDO
252.eon:      -O3 -QxK -Qwp_ipo +FDO
253.perlbmk:  -O3 -QxK -Qipo +FDO shlW32M.lib
254.gap:      -O3 -QxK -Qipo -Oi- +FDO
255.vortex:   -O3 -QxK -Qwp_ipo +FDO
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
 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 an ATX case such as the Antec KS-282,
a 400W power supply such as the Antec SL400, and a PCI or AGP video card.
The System bus runs at 266MHz
```