CINT2000 Result

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Advanced Micro Devices

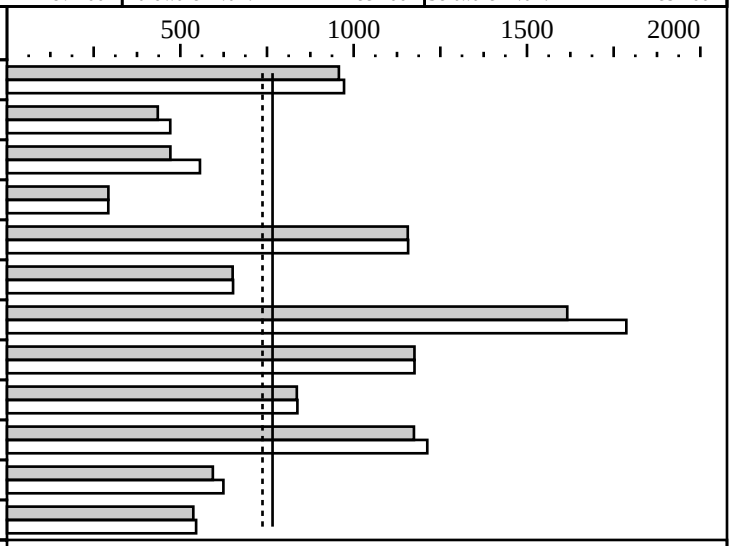
Asus A7M266-D Motherboard, AMD Athlon (TM) MP 2400+

SPECint2000 = 766

SPECint_base2000 = 737

SPEC license #: 49 | Tested by: AMD Austin, TX | Test date: Nov-2002 | Hardware Avail: Dec-2002 | Software Avail: Feb-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	146	957	144	972
175.vpr	1400	322	435	297	471
176.gcc	1100	233	471	198	557
181.mcf	1800	615	292	616	292
186.crafty	1000	86.5	1156	86.4	1157
197.parser	1800	277	651	276	652
252.eon	1300	80.4	1616	72.8	1787
253.perlbmk	1800	153	1175	153	1176
254.gap	1100	132	836	131	838
255.vortex	1900	162	1174	157	1212
256.bzip2	1500	253	594	240	624
300.twolf	3000	558	537	550	546



Hardware

CPU:	AMD Athlon (TM) MP 2400+
CPU MHz:	2000
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:	2x256MB PC2100 DDR SDRAM CL2
Disk Subsystem:	Seagate ST320414A
Other Hardware:	None

Software

Operating System:	Windows 2000 SP2
Compiler:	Intel C++ 5.0.1 build 020125Z Microsoft Visual Studio 6.0 SP5 (libraries) MicroQuill Smartheap Library 5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

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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
```

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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 an ATX case such as the Antec KS-282,
a 400W power supply such as the Sparkle FSP400-60GN, and a PCI or AGP video card.
The System bus runs at 266MHz
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