



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS M450 (Intel Core 2 Duo processor E6300)

SPECint_rate2000 = 39.4
SPECint_rate_base2000 = 38.9

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Aug-2006 Hardware Avail: Aug-2006 Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	122	26.6	2	122	26.5
175.vpr	2	133	24.5	2	126	25.8
176.gcc	2	54.6	46.7	2	54.6	46.7
181.mcf	2	149	28.1	2	141	29.5
186.crafty	2	60.2	38.5	2	59.5	39.0
197.parser	2	131	31.8	2	130	32.2
252.eon	2	53.3	56.6	2	53.2	56.7
253.perlbnk	2	80.7	51.7	2	80.8	51.7
254.gap	2	58.2	43.9	2	57.0	44.7
255.vortex	2	63.5	69.5	2	63.5	69.5
256.bzip2	2	127	27.4	2	127	27.5
300.twolf	2	146	47.7	2	146	47.5

Hardware		Software	
CPU:	Intel Core 2 Duo processor E6300	Operating System:	Windows XP Professional, Service Pack 2
CPU MHz:	1866	Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20060519Z Package ID: W_CC_P_9.1.025
FPU:	Integrated		Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip	File System:	FAT32
CPU(s) orderable:	1 chip	System State:	Default
Parallel:	No		
Primary Cache:	32KB(I) + 32KB(D) on chip, per core		
Secondary Cache:	2048KB(I+D) on chip		
L3 Cache:	N/A		
Other Cache:	N/A		
Memory:	4x 1GB PC2-5300 5-5-5 2Rank SDRAM		
Disk Subsystem:	1 x 160GB SATA 7200 RPM		
Other Hardware:	None		

Notes/Tuning Information

Portability flags:

```

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

```

Feedback optimization:

```
+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use
```

Baseline Tuning Flags:

```

for C programs:
-fast +FDO shlW32M.lib
for C++ program 252.eon:
-fast -Qcxx_features +FDO

```

Peak Tuning Flags:

```

164.gzip: -fast +FDO
175.vpr: -fast +FDO
176.gcc: basepeak=yes
181.mcf: -fast +FDO shlW32M.lib

```



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Notes/Tuning Information (Continued)

186.crafty: -fast +FDO
197.parser: -fast +FDO
252.eon: -fast -Qcxx_features +FDO
253.perlbnk: -fast +FDO shlW32M.lib
254.gap: -fast +FDO
255.vortex -fast +FDO shlW32M.lib
256.bzip2: -fast +FDO
300.twolf: -fast +FDO shlW32M.lib

Extra Libraries:

shlW32M.lib = Microquill SmartHeap Library 8
see www.microquill.com

The system bus runs at 1066 MHz

For information about Fujitsu Siemens Computers in your country please see:
<http://www.fujitsu-siemens.com/countries>